

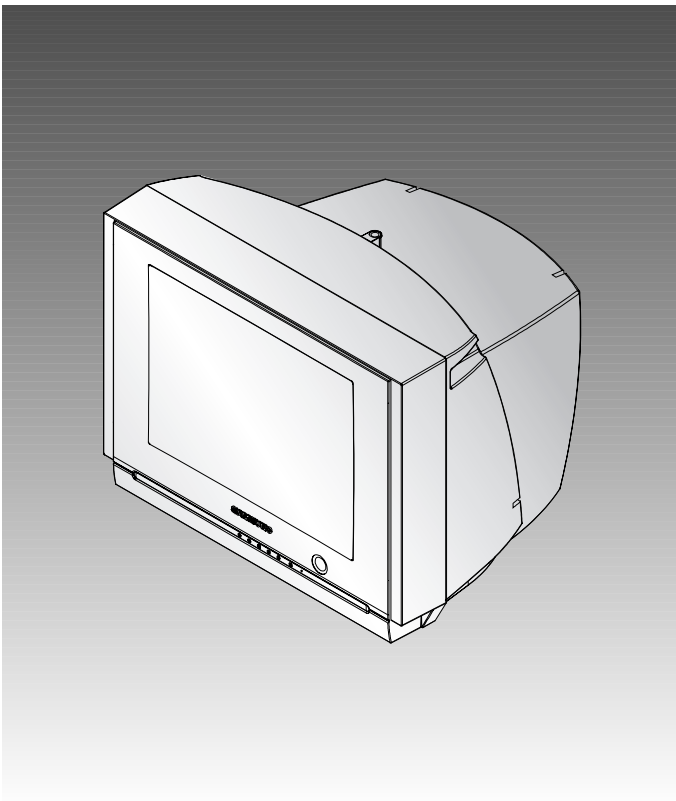
SAMSUNG

COLOR TELEVISION RECEIVER

Chassis : K15D
Model : CL17M6MQFX/XAP
CL17M6MQFX/RCL

SERVICE Manual

COLOR TELEVISION RECEIVER



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2. Specifications and IC Data

2-1 Specifications

Television System:

MODEL	SYSTEM
CT	NTSC ONLY

Channels:

System Band	NTSC
VHF	2 - 13
UHF	14 - 69
CABLE	1 - 125

Intermediate Frequencies (MHz) :

SYSTEM IF Carrier Frequency	NTSC
Picture IF Carrier	45.75
Sound IF Carrier	41.25
Color Sub Carrier	42.18

Picture Tube:

14 Inch	A34KQV42X	14Inch
15 Inch	A36QDT351X	15Inch Flat
20 Inch	A48KRD82X	20Inch
21 Inch	A51KQJ63X	21Inch

Power Requirements:

AC 120V, 60Hz

Antenna Input Impedance:

VHF, UHF : Telescopic dipole antenna (75 ohm unbalanced type)

Speaker Impedance

8 ohm

2-2 IC Line Up

Table 2-1 IC Line-Up			
Loc. No	Specificatio	Description	Remark
IC201S	SPM458AN	TDA9377, English/Spanish/French	Philips
IC301	LA7840	VERTICAL OUTPUT	Sanyo
IC501	TDA6107Q	RGB DRIVE AMP	Philips
IC602	TDA7266M/TDA7266S	SOUND-AMP, TDA7266M (MONO) TDA7266S (STEREO)	Philips
IC801S	KA5Q0740RT (0765RT)	POWER IC (STR)	FIAIR CHILD
IC802	KA7632	CUSTOM REGULATOR (5V, 8V, 3.3V)	SEC
IC202	24C04	EEPROM	
PC801S	TCET1108 / LTV817B	PHOTO COUPLER	
ICS601	UPC1851B	Sound Processor (STEREO)	NEC

2-3 Semiconductor Base Diagrams

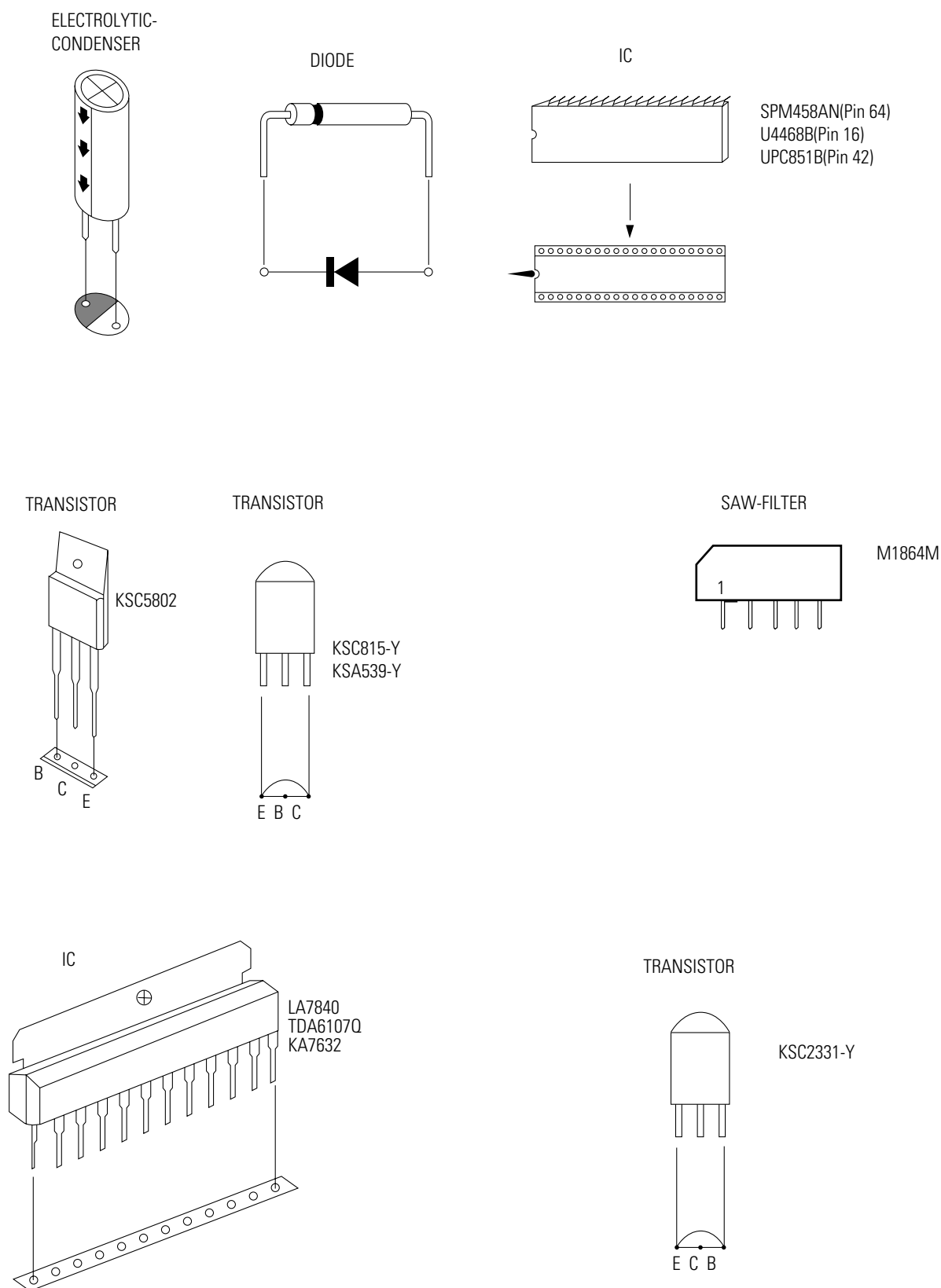


Fig. 2-1 Semiconductor Base Diagrams

MEMO

4. Alignment and Adjustments

4-1 Preadjustment

4-1-1 Factory Mode

1. Do not attempt these adjustments in the Video Mode.
2. The Factory Mode adjustments are necessary when either the EEPROM (IC902) or the CRT is replaced.
3. Do not tamper with the "Adjustment" screen of the Factory Mode menu. This screen is intended only for factory use.

4-1-2 When EEPROM (IC902) Is Replaced

1. When IC902 is replaced all adjustment data revert to initial values. It is necessary to re-program this data.
2. After IC902 is replaced, warm up the TV for 10 seconds.

4-1-3 When CRT Is Replaced

1. Make the following adjustments AFTER setting up after setting up purity and convergence :

White Balance
Sub-Brightness
Vertical Center
Vertical Size
Horizontal Size
Fail Safe (This adjustment must be the last step).

2. If the EEPROM or CRT is replaced and set SC as 20(factory mode).

4-2 Factory/Service Mode

4-2-1 Procedure for the "Adjustment" Mode

1. This mode uses the standard remote control. The Service Mode is activated by entering the following remote-control sequence :
 - (1) DISPLAY → FACTORY.
 - (2) STAND-BY → MUTE → 1 → 8 → 2 → POWER ON.
2. The "SERVICE (FACTORY)" message will be displayed. The Service Mode has four components: ADJUST, OPTION , G2-ADJUST and RESET.
3. Access the Adjustment Mode by pressing the "VOLUME" keys (Up or Down). The adjustment parameters are listed in the accompanying table, and selected by pressing the CHANNEL keys (▲, ▼).
4. Selection sequences for the all system:
DOWN or UP key:
SCT>SBT>BLR>BLB>RG>GG>BG>VSL>VS>VA>HS>SC>CDL>STT>AKB>FS>NDL>LBS>NSR>SCBT>VOL>CAP>HBS>RP00>RP01>FMWS>AGC1>OMD>SCL>PWL>MUS>AGC>DSK>DVDB
5. The VOLUME keys increase or decrease the adjustment values (stored in the non-volatile memory) when Adjustment Mode is cancelled.
6. Cancel the Adjustment Mode by re-pressing the "FACTORY" or "Power OFF" keys.

4-2-2 Main Adjustment Parameter

NO	OSD	FUNCTION	RANGE	INITAL DATA	SETTING		REMARK
					19V	13V	
1	SCT	Sub Contrast	0 ~ 23	15	13	13	W/B (HIGH Y)
2	SBT	Sub Brightness	0 ~ 23	8	9	9	W/B A (LOW Y)
3	BLR	Black Level offset Red	0 ~ 63	35	31	31	W/B (LOW X, Y)
4	BLB	Black Level offset Blue	0 ~ 63	32	27	27	W/B (LOW X, Y)
5	RG	Red Gain	0 ~ 63	40	32	32	W/B (HIGH X, Y)
6	GG	Green Gain	0 ~ 63	30	25	25	FIX
7	BG	Blue Gain	0 ~ 63	42	31	31	W/B (HIGH X, Y)
8	VSL	Vertical Slope	0 ~ 63	30	31	31	Vertical SLOPE
9	VS	Vertical Shift	0 ~ 63	31	31	31	FIX
10	VA	Vertical Amplitude	0 ~ 63	20	40	20	Vertical SIZE
11	HS	Horizontal Shift	0 ~ 63	32	30	30	Horizontal SHIFT
12	SC	S-Correction	0 ~ 63	35	20	12	FIX
13	CDL	Cathode Drive Level	0 ~ 15	11	11	7	FIX
14	STT	Sub Tint	0 ~ 7	3	7	7	FIX
15	AKB	AKB On / off	0 ~ 1	0	0	0	FIX
16	FS	Filter Seting	0 ~ 15	32	37	37	FIX(STEREO)
17	NDL	NTSC Delay	0 ~ 15	1	1	1	FIX
18	LBS	Low Band Separation Set	0 ~ 63	32	32	32	FIX(STEREO)
19	NSR	NTSC Sub color	0 ~ 23	3	3	3	FIX
20	SCBT	Screen Brightness	0 ~ 63	35	45	45	FIX
21	VOL	Volume pre setting	0 ~ 63	10	10	10	FIX
22	CAP	Caption Position	0 ~ 15	12	12	12	FIX
23	HBS	High Band Separation Set	0 ~ 63	32	32	32	FIX(STEREO)
24	RP00	Ratio Pre / overshoot	0 ~ 1	1	1	1	FIX
25	RP01	Ratio Pre / overshoot	0 ~ 1	1	1	1	FIX
26	FMWS	Window Selection Sound PLL	0 ~ 1	0	0	0	FIX (Mono)
27	AGC1	IF AGC Speed	0 ~ 3	1	1	1	FIX (Nomal)
28	OMD	Offset IF Demodulator	0 ~ 63	32	32	32	FIX (No Crrrection)
29	SCL	Soft Clipping Level	0 ~ 3	3	1	1	FIX (Off)
30	PWL	Peak White Limitting	0 ~ 15	15	13	13	FIX (100%)
31	MUS	Matrix USA	0 ~ 1	0	0	0	FIX (Mono)
32	AGC	Automatic Gain Control	0 ~ 63	33	33	33	FIX
33	DSK	Dynamic Skin Tone	0 ~ 1	0	0	0	FIX
34	DVDB	DVD Bright Offset	0 ~ 10	5	4	4	FIX

4-2-3 Option Bytes

In the Service Mode, various can be selected via the Option Table. Example:

Option Table : xx xx

	OSD	SETTING	REMARK
1	VIDEO MUTE (When swiching channel)	ON	- 800msec Mute Time(Tri-norma)
		OFF	- Unavailable
2	AUDIO	STEREO	- Zenith stereo (WITH IN UPC1851B)
		LINE STEREO	- Line stereo (WITH IN UPC1851B)
		MONO	- Mono (WITH OUT UPC1851B)
3	TURBO	ON	- Stereo/L STEREO Model
		OFF	- Mono Model
4	ZOOM	ZOOM	- Nornal / Zoom
		NOMAL	- Nomal
5	AUTO POWER ON	ON	- The power is switched on automatically when detaching the Master S/W Auto On
		OFF	- Tact S/W Model
6	SOUND MUTE (NO SIGNAL)	OFF	- Unavailable
		ON	- Available
7	LANGUAGE	ENGLISH	- Start Language Select
		ESPANOL	
		FRENCH/PORTU	
8	HOTEL MODE	OFF	- Unavailable
		ON	- Available
9	CATV	AIR/STD/HRC/IRC	
		AIR/STD/HRC/AFN	- U.S Army
10	X-RAY	ON	- Available (U.S.A, Army)
		OFF	- Unavailable (South America)
11	V-CHIP	ON	- Available (U.S.A)
		OFF	- Unavailable (Canada)
12	AV Option	TV ↔ AV	
		TV ↔ AV ↔ DVD	
13	DEMO	ON	- Available (South America)
		OFF	- Unavailable (U.S.A)

4-3 Other Adjustments

4-3-1 General

1. Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.
2. The picture should have good black and white details. There should be no objectionable color shading; if color shading is present, perform the purity and convergence adjustments described below.
3. Use the specified test equipment or its equivalent.
4. Correct impedance matching is essential.
5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
8. To protect against shock hazard, use an isolation transformer.

4-3-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set has been moved or turned in a different direction, disconnect its AC power for at least 30 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before removing power.

4-3-3 High Voltage Check

CAUTION: There is no high voltage adjustment on this chassis. The B+ power supply must be set to +122.5 volts (Full color bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.
2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
3. The high voltage should not exceed 30KV.
4. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 30KV under any conditions.

4-3-4 FOCUS Adjustment

1. Input a black and white signal.
2. Adjust the tuning control for the clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

4-3-5 Cathode Voltage Adjustment (Screen Adjustment)

1. Connect CRT socket pin GK to an oscilloscope probe.
2. Input a gray scale pattern. (Use a pattern generator, PM5518)
3. Use the P mode key (on the remote control) for the STANDARD picture.
4. Adjust the Screen VR (on the FBT) so that the voltage on the oscilloscope becomes $125 \pm 2.5V$ (See Fig. 4-1).

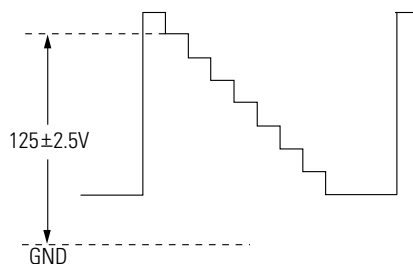


Fig. 4-1

4-3-6 Purity Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Plug in the CRT deflection yoke and tighten the clamp screw.
3. Plug the convergence yoke into the CRT and set in as shown in Fig. 4-2.
4. Input a black and white signal.
5. Fully demagnetize the receiver by applying an external degaussing coil.
6. Turn the CONTRAST and BRIGHTNESS controls to maximum.
7. Loosen the clamp screw holding the yoke. Slide the yoke backward or forward to provide vertical green belt. (Fig. 4-3).
8. Tighten the convergence yoke.
9. Slowly move the deflection yoke forward, and adjust for the best overall green screen.
10. Temporarily tighten the deflection yoke.
11. Produce blue and red rasters by adjusting the low-light controls. Check for good purity in each field.
12. Tighten the deflection yoke.

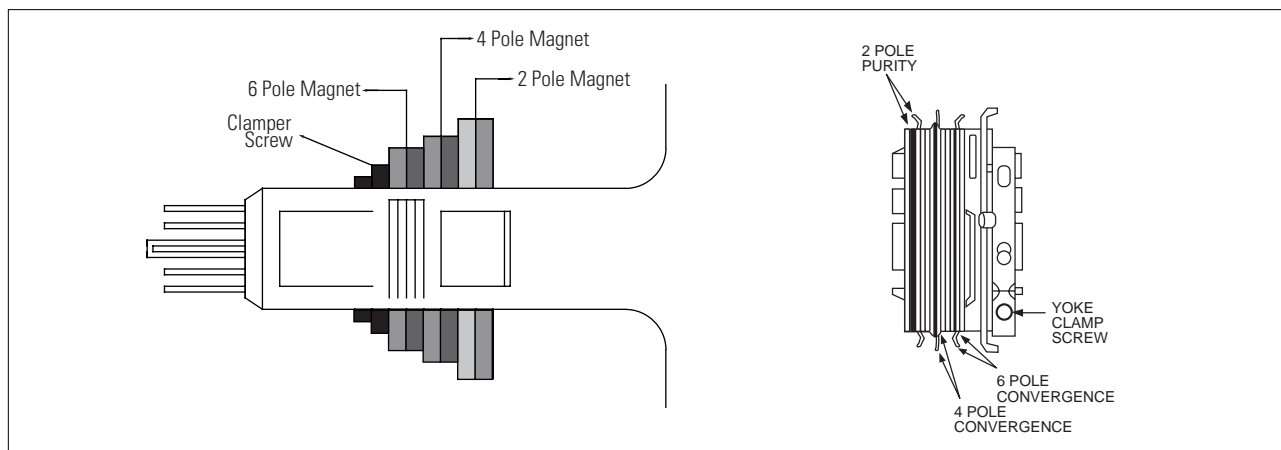


Fig. 4-2 Convergence Magnet Assembly

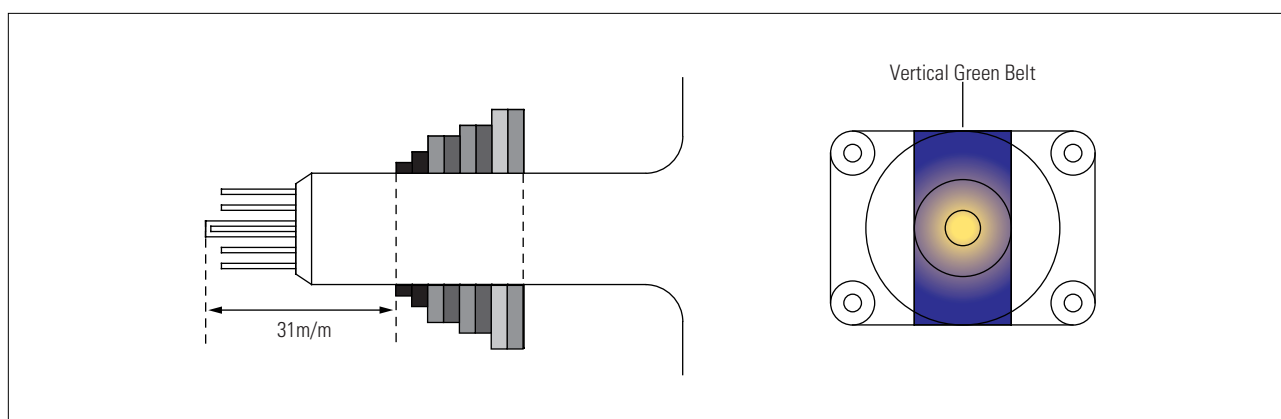


Fig. 4-3 Center Convergence Adjustment

4-3-7 White Balance Adjustment

(a) Set up

1. Warm up the TV for at least 30 minutes in the Aging Mode (OSD White). This mode is displayed by entering the following sequence:

DISPLAY → FACTORY → FACTORY

2. Input a Toshiba pattern.

(b) Low-Light Adjustment

1. Set SBT to 1.2 fL in the Factory Service Mode with using CA100. See Fig. 4-4.
2. Adjust RG,BG so that the levels are suitable to each local area.

(c) High-Light Adjustment

1. Set SCT to 50FL(13V : 60FL) in the Factory Service Mode with using CA100. See Fig. 4-4 .

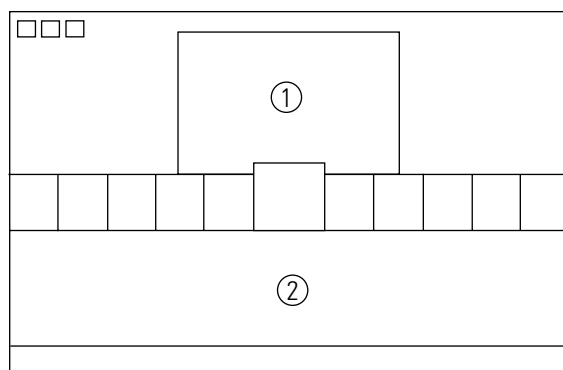


Fig. 4-4

4-3-8 Center Convergence Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Adjust the two tabs of the 4 pole magnets to change the angle between them. Superimpose the red and blue vertical lines in the center area of the screen.
3. Adjust the Brightness and Contrast controls for a well defined picture.
4. Adjust the two-tab pairs of the 4 pole magnets, and change the angle between them. Superimpose the red and the blue vertical lines in the center area of the screen.
5. Turn the both tabs at the same time, keeping the angle constant, and superimpose the red and blue horizontal line in the center of the screen.
6. Adjust the two-tab pairs of the 6-pole magnets to superimpose the red and blue line onto the green. (Changing the angle affects the vertical lines, and rotating both magnets affects the horizontal lines.)
7. Repeat adjustments 2~6, if necessary.
8. Since the 4-pole magnets and 6-pole magnets interact, the dot movement is complex (Fig. 4-5).



Fig. 4-5 Center Convergence Adjustment

4-3-9 RF AGC Adjustment

Set the AGC data to 33 (Factory Mode).

4-3-10 Sub-Color Adjustment

Set NSR data to 3 (Factory Mode).

4-3-11 Geometry Adjustment

SC → VS → VA → VSL → HS

1. Input a lion head pattern.
2. Set the SC (S-Correction) as 20(13V : 12) and VS(Vertical Shift) 31 so that the lion head circle becomes oval.
3. Adjust with VA (Vertical Amplitude) so that the top margin of the picture is 4.

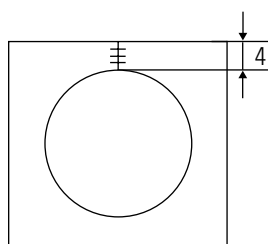


Fig. 4-7

4. Adjust with VSL (Vertical-Slope) so that the bottom margin of the picture is 4.

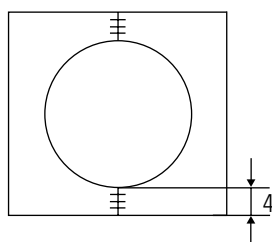


Fig. 4-8

5. Adjust with HS (Horizontal Shift) so that the lion-head pattern and CRT centers are aligned.

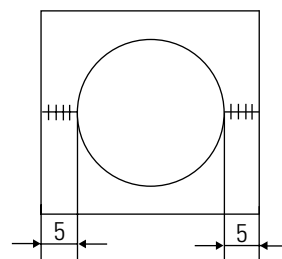
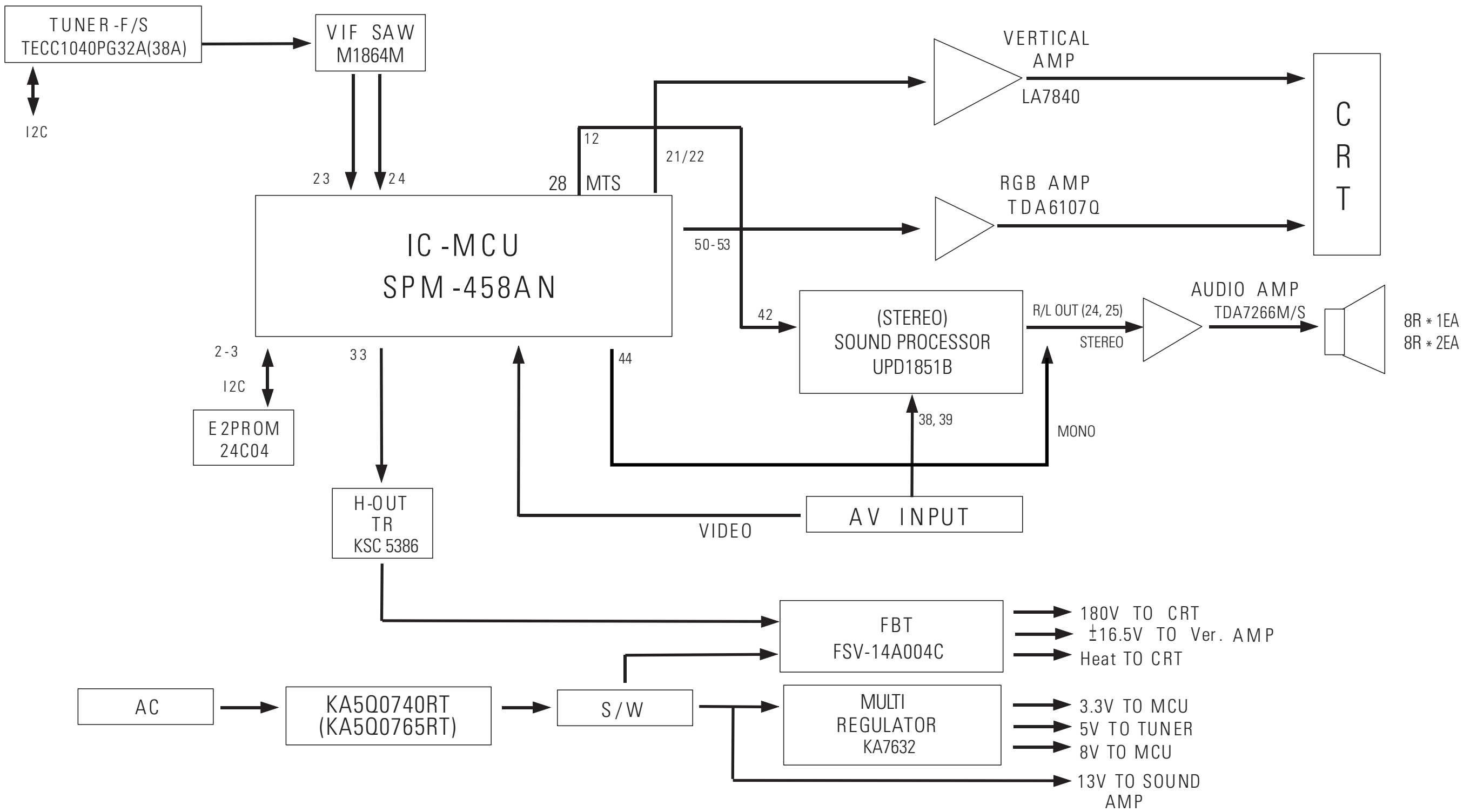


Fig. 4-9

6. Adjust HS (Horizontal Shift) so that the left and right margins of the picture are 5.

8. Block Diagram

8-1 K15D



1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).
5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

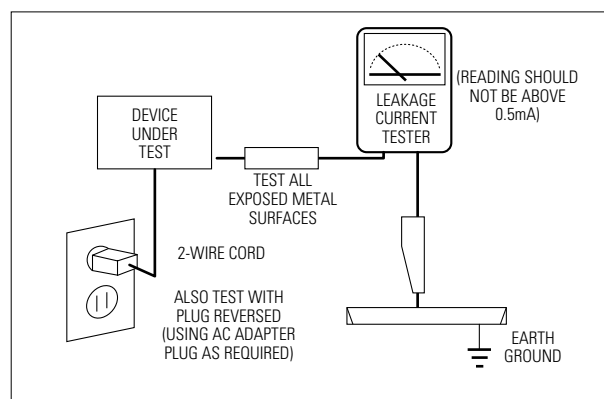


Fig. 1-1 AC Leakage Test



6. Antenna Cold Check:
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.
7. X-ray Limits:
The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.
8. High Voltage Limits:
High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced.
(X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

Heed the high voltage limits. These include the X-ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.
12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.
13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.
17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading, () or ().
Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

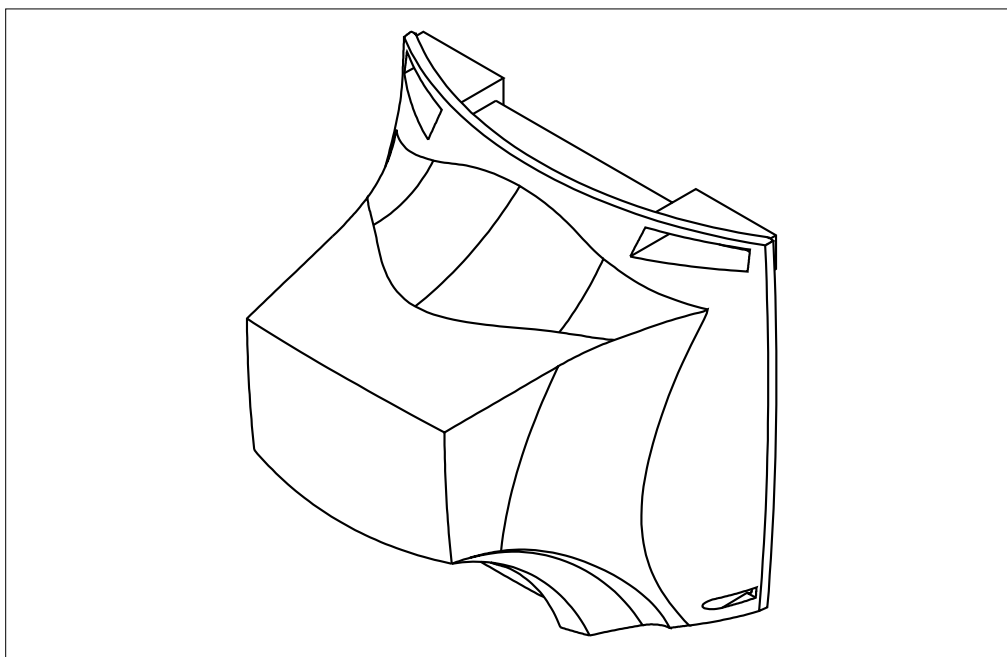
1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

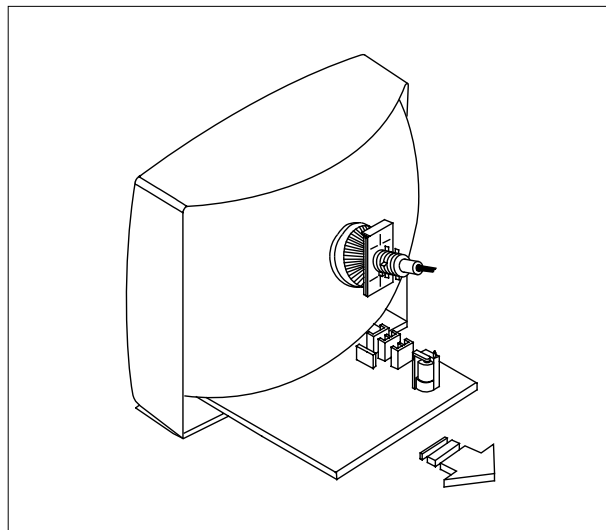
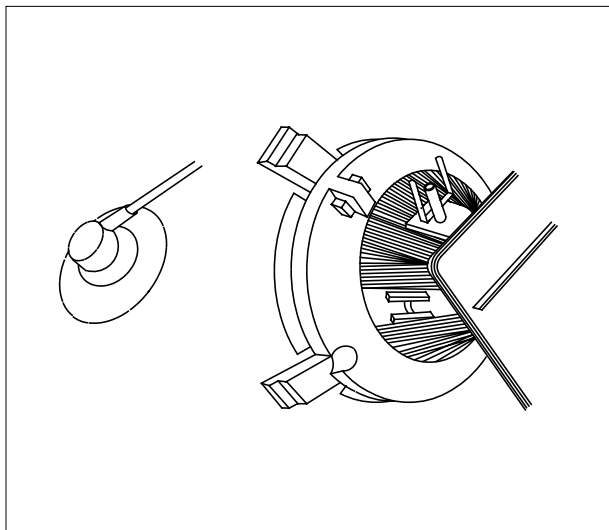
3. Disassembly and Reassembly

3-1 Back Cover Removal



1. After removing the screws, press the tension rib and pull the cabinet backwards.
2. To reassemble, press the tension rib (see diagram).

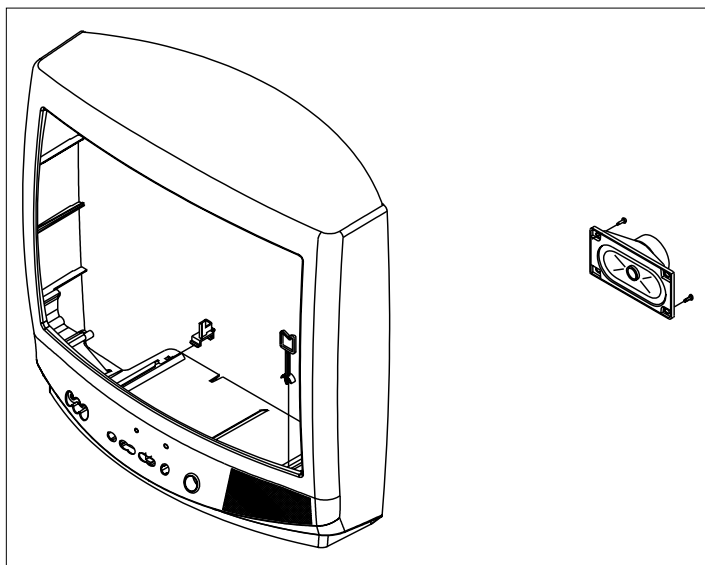
3-2 Main Board Removal



1. Separate the socket board from the CRT neck.
2. Remove the Anode Cap from the CRT.
3. Remove the main board by pulling it with both hands.

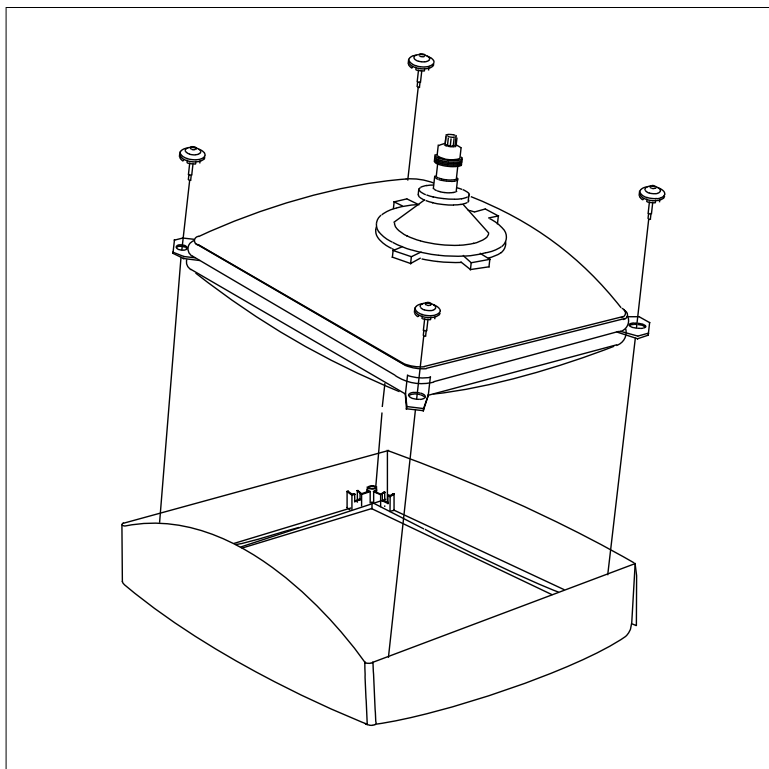
Warning: The FBT is charged with high voltage.
Before removing the Anode Cap, discharge the voltage
through one of the heat sinks on the main board.

3-3 Speaker Removal



1. Remove the speaker by pressing the tension rib.

3-4 CRT Removal



1. Spread a soft mat on the floor. Place the TV set face down.
2. Remove the 4 nuts mounting the CRT to the front cabinet. Lift the CRT.
3. Caution: Because of the high vacuum and large surface area of the picture tube, be careful while handling it: (1) Always lift the picture tube by grasping it firmly around the faceplate, (2) Never lift the tube by its neck. (3) Do not scratch the picture tube or apply excessive pressure. Fractures of the glass may cause an implosion.

MEMO

7. Electrical Parts List

7-1 CL17M6MQFX/XAP

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
ASSY CHASSIS							
1	A/CHASSIS AA91-06490A	ASSY CHASSIS;17M6,K15D,LATIN		3	L/PQS	AA68-01018A LABEL-PQS,-,50mmX,13,-,WHITE,-	
2	FBT AA65-30018A	CLAMP-WIRE,-,NYLON6.6,-,,-,DATL		3	X901	2801-004033 CRYSTAL-UNIT;12MHZ,30PPM,28-AAM,30PF,300	
2	CLW/HS AA65-30018A	CLAMP-WIRE,-,NYLON6.6,-,,-,DATL		3	A/AUTO	AA97-14113A ASSY AUTO;CT17M6MQFX,K15D	
2	A/MAIN AA94-13067A	ASSY PCB MAIN;17M6,K15D,LATIN		4	D201	0401-000005 DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
3	Q401 0502-001115	TR-POWER;KSC5386,NPN,50W,TO-3PF,ST,8		4	D601	0401-000005 DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
3	IC902 1103-001209	IC-EEPROM;AT24C04-PC27 C,512Kx8Bit,DIP,8		△ 4	D811	0401-000005 DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
3	ICS602 1203-001225	IC-POS.FIXED REG.;78R09,TO-220,4P,-,PLA		△ 4	D803	0401-000006 DIODE-SWITCHING;BAV21,250MA,400MW,50NS,2	
△ 3	NT801S 1404-001045	THERMISTOR NTC;4.70HM,15%,2900K,35.0MMW,T		△ 4	D804	0401-000006 DIODE-SWITCHING;BAV21,250MA,400MW,50NS,2	
3	P803S 1404-001265	THERMISTOR-PTC;4.50HM/1000HM,+30/-20%,22		4	D303	0402-000132 DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
△ 3	CY801S 2201-000446	C-CERAMIC,AC;CK45PE400V332-M(T		△ 4	D809	0402-000132 DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
△ 3	CR401S 2301-001337	C-FILM,MPE-PPF;4.3nF,5%,1.6kV,TP,28.5x16		4	D501	0402-000254 DIODE-RECTIFIER;RGP10J,600V,1A,DO-41	
△ 3	CR801 2401-002219	C-AL;220UF,20%,400V,-,25X40,10MM,ST		4	D302	0402-000534 DIODE-RECTIFIER;RG10V,400V,1.5	
△ 3	CR402S 2306-000166	C-FILM,MPPF;220NF,5%,400V,TP,26X17X9,20m		4	D301	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
△ 3	SF101S 2904-001221	FILTER-SAW AV,45.75MHz,SIP5K,ST,14.2dB,M		4	D304	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
△ 3	FP801S 3601-001012	FUSE-FERRULE;250V,4A,SLOW-BLOW		4	D401	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
△ 3	V999S 3704-001105	SOCKET-CRT;11P,20PI,26.5PI,Ni,-		4	D502	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
3	CN902 3711-002642	POST-HEADER;67094-003(AUTO)		4	D503	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
3	CN604 3711-002643	POST-HEADER;YW025-04(AUTO)		4	D504	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
3	CN901 3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH		△ 4	D812	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
3	JA701 3722-001962	JACK-PIN;6P(6P)-,NI,YL/WH/RD/GN/BL/RD,-		△ 4	D801S	0402-001111 DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2	
△ 3	IC201S AA09-003744A	IC-MICOM;TDA9377PS/N2/AI,TXM1967,64P,3.3		△ 4	D802S	0402-001111 DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2	
△ 3	T801S AA26-00172A	TRANS-SWITCHING;EER3543,K15D,90-264,PM2A		△ 4	D803S	0402-001111 DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2	
△ 3	T444S AA26-00065A	TRANS FBT,-,FSV-14A004C(S),14-22,125V		△ 4	D804S	0402-001111 DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2	
△ 3	T401 AA26-50001B	ORIZ.DRIVE,-,7.1MH,102UH,10-2		△ 4	D805	0402-001443 DIODE-RECTIFIER;EGP20K,800V,2A,DO-15,TP	
△ 3	LR401S AA27-00122A	COIL LINEARITY;90UH,90UH,L81 DR10x10,7.5		4	DZ401	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
△ 3	LX801S AA29-30001D	FILTER-LINE,-,6.0MH,2A,-,SQ191		4	DZ402	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
3	CN501 AA39-20620A	LEADCONNECTOR-ASSY,-,YBNH025-09,S,9P,30		4	DZ904	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
3	GT101A AA39-20010H	LEAD-CONNECTOR,ASSY,-,YFH800-01,S,1P,300,		4	DZ905	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
△ 3	TU01S AA40-00073A	TUNER-TECC1040PG32A(S),181CH,45.75MHZ,75		4	DZ211	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
3	IC301 AA96-00244A	ASSY H/S,-,AA62-00046A,LA7840,-		4	DZ803	0403-001039 DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T	
4	0205-000129	GREASE-SILICON;SC102,JAPAN		4	DZ101	0403-000700 DIODE-ZENER;TZP33A,33V,31-35V,	
4	1204-001483	IC-VERTICAL PROCESSOR;LA7840,SIP,7P,708MI		4	DZ303	0403-000700 DIODE-ZENER;TZP33A,33V,31-35V,	
4	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		4	DZ604	0403-000719 DIODE-ZENER;MTZJ7.5B,7.5V,7.07-7.45V,500	
4	AA62-00046A	HEAT SINK-PS,-,T1.0,-,D1(DREAM) 60X25X		4	DZ201	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
3	IC601 AA96-00244B	ASSY H/S,-,AA62-00046A,TDA7266S,-		4	DZ202	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	0205-000129	GREASE-SILICON;SC102,JAPAN		4	DZ205	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	1201-001308	IC-POWERAMP;7266,ZIP,15P,-,DUAL,26dB,PL		4	DZ306	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		4	DZ307	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	AA62-00046A	HEAT SINK-PS,-,T1.0,-,D1(DREAM) 60X25X		4	DZ501	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
△ 3	IC802 AA96-00245A	ASSY H/S,-,AA62-00055A,KA7632,-		4	DZ502	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	1203-001939	IC-POS.FIXED REG.;7632,SIP,10P,-,PLASTI		4	DZ503	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZP		4	DZ504	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	AA62-00055A	HEAT SINK-PS,-,T1.0,-,35*15*25,D1,-,-,		4	DZ806	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
3	IC501 AA96-50311A	ASSY-H/S,-,VIDEO,AA62-30175D,TDA6107Q,-		4	DZ807	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	1201-001159	ICVIDEOAMP;TDA6107Q,ZIP,9P,300		4	DZ808	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
4	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZP		4	DZ801	0403-001140 DIODE-ZENER;RD10ESAB-T4,10V,9.19-10.30V,	
4	AA62-30175D	HEATSINK-PS,-,SECC,T1.0,-,33X15X30FT-2		4	DZ204	0403-001211 DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
△ 3	IC801S AA96-00816A	ASSY H/S,-,POWER,AA62-00112A,5Q0765RT,TR		4	DZ302	0403-001221 DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,D	
4	0205-000129	GREASE-SILICON;SC102,JAPAN		4	DZ802	0403-001318 DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
4	1203-001932	IC-PWM CONTROLLER;5Q0765,TO-220F,5P,185M		4	DZ901	0403-001373 DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D	
4	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		4	DZ805	0403-001327 DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
4	AA62-00112A	HEAT SINK;TROJAN,AL1050,T2.0,W54.0,H40.		4	DZ301	0403-001328 DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
△ 3	PWR/AC AA96-00570A	ASSY POWER CORD,-,CP2/NO,H/C200,KKP419C,		4	Q201	0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM	
4	AA39-10006B	POWER-CORD,-,KKP419C,KLCE-2F,2.286MT		4	Q901	0501-000283 TRANSISTOR;KSA539-Y(TAPG)/YTAM	
4	AA61-20284A	HOLDER P CORD;PPVO,BLK,KE-002		4	Q402	0501-000369 TRANSISTOR;KSC2331-Y(TAPG)	
△ 3	D806 AA96-00243D	ASSY H/S,-,BRIDGE,AA62-00045A,D06U20S,D		4	Q202	0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,TO-92,100	
4	0205-000129	GREASE-SILICON;SC102,JAPAN		4	Q601	0501-002183 TR-SMALL SIG;KTC9014,NPN,625MW,TO-92,100	
4	0402-001137A	DIODE-RECTIFIERSDS60U20S,200V,6A,TO-22		4	R207	2001-000005 R-CARBON;390OHM,5%,1/8W,AA,TP	
4	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		4	RS603	2001-000007 R-CARBON;3KOHM,5%,1/8W,AA,TP,1	
4	AA62-00045A	HEAT SINK-PS,-,T1.0,-,DREAM,-,-,-,-,		4	R206	2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	0204-000442	SOLVENT;CH3-CH5H-CH396%IM-1000		4	RS602	2001-000010 R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	0202-000008	SOLDER-WIRE;S63S-D3.0,S63A,D3,63/37		4	R607	2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP	
3	0204-001024	FLUX;DF-96TVS,-,20%,		4	RS613	2001-000539 R-CARBON;24KOHM,5%,1/8W,AA,TP	
3	0202-000187	SOLDER-WIREFLUX,-,RS60S,D1.2,6		4	R301	2001-000016 R-CARBON(S);10HM,5%,1/2W,AA,TP	
3	ICS601 1204-001197A	IC-SOUND PROCESSOR,UPC1851BCU,SDIP,42P,6		4	R843	2001-000019 R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m	
3	CN701 3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.		4	R409	2001-000022 R-CARBON(S);330HM,5%,1/2W,AA,T	
				4	R823	2001-000037 R-CARBON(S);330OHM,5%,1/2W,AA	
				4	R808	2001-001138 R-CARBON(S);390OHM,5%,1/2W,AA	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark
4	R211	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R233	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R501	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R502	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R506	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R510	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R511	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R512	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R909	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R911	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R912	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R913	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R914	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R917	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R933	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R934	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R942	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R943	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	RS608	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	RS609	2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,	
4	R224	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	R291A	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	R601	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	R612	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	R828	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	R910	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	RS610	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	RS612	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	RS614	2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,	
4	R225	2001-000325 R-CARBON;120OHM,5%,1/8W,AA,TP,	
4	R205	2001-000397 R-CARBON;180KOHM,5%,1/8W,AA,TP,	
4	R218	2001-000411 R-CARBON;180KOHM,5%,1/8W,AA,TP,	
4	R602	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R604	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R926	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R944	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	RS601	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	RS606	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	RS607	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R918	2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP,	
4	R940	2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP,	
4	R941	2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP,	
4	R907	2001-000472 R-CARBON;2.7KOHM,5%,1/8W,AA,TP,	
4	R908	2001-000472 R-CARBON;2.7KOHM,5%,1/8W,AA,TP,	
4	R214	2001-000490 R-CARBON;200OHM,5%,1/8W,AA,TP,	
4	R829	2001-000563 R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8x3.2MM	
4	R208	2001-000591 R-CARBON;3.3KOHM,5%,1/8W,AA,TP,	
4	R220	2001-000613 R-CARBON;3.9KOHM,5%,1/8W,AA,TP,	
4	R202	2001-000689 R-CARBON;390KOHM,5%,1/8W,AA,TP,	
4	R925	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP,	
4	R227	2001-000739 R-CARBON;4.7MOHM,5%,1/8W,AA,TP,	
4	R228	2001-000739 R-CARBON;4.7MOHM,5%,1/8W,AA,TP,	
4	R109	2001-000786 R-CARBON;47KOHM,5%,1/8W,AA,TP,	
4	RS605	2001-000800 R-CARBON;5.1KOHM,5%,1/8W,AA,TP,	
4	R203	2001-000857 R-CARBON;560OHM,5%,1/8W,AA,TP,	
4	R288	2001-000908 R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R289	2001-000908 R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R110	2001-000924 R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R108	2001-000947 R-CARBON;7.5KOHM,5%,1/8W,AA,TP,	
4	R222	2001-000947 R-CARBON;7.5KOHM,5%,1/8W,AA,TP,	
4	R605	2001-000947 R-CARBON;7.5KOHM,5%,1/8W,AA,TP,	
4	R212	2001-000969 R-CARBON;75OHM,5%,1/8W,AA,TP,1	
4	R215	2001-000969 R-CARBON;75OHM,5%,1/8W,AA,TP,1	
4	R610	2001-000969 R-CARBON;75OHM,5%,1/8W,AA,TP,1	
4	R711	2001-000969 R-CARBON;75OHM,5%,1/8W,AA,TP,1	
4	R712	2001-000969 R-CARBON;75OHM,5%,1/8W,AA,TP,1	
4	R714	2001-000969 R-CARBON;75OHM,5%,1/8W,AA,TP,1	
4	R408	2001-001037 R-CARBON(S);0.39OHM,5%,1/2W,AA,	
4	R504	2001-001062 R-CARBON(S);10MOHM,5%,1/2W,AA,	
4	R414	2001-001078 R-CARBON(S);15KOHM,5%,1/2W,AA,	
4	R840	2001-001108 R-CARBON(S);22KOHM,5%,1/2W,AA,	
4	R411	2001-001114 R-CARBON(S);270OHM,5%,1/2W,AA,	
4	R809	2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA,	
4	R810	2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA,	
4	R405	2001-001187 R-CARBON(S);75OHM,5%,1/2W,AA,T	
4	R831	2001-001045 R-CARBON(S);1.2KOHM,5%,1/2W,AB	
4	R501H	2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.7	

Loc. No.	Code No.	Description ; Specification	Remark
4	R502H	2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.7	
4	R503	2002-001008 R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.7	
△	RY801S	2002-001013 R-COMPOSITION;4.7MOhm,5%,1/2W,AA,TP,3.7X	
4	R402	2003-002178 R-METAL OXIDE(S) 1Kohm,5%,2W,AG,TP,3.9X1	
4	R413	2003-000664 R-METAL OXIDE(S);330HM,5%,2W,AF,TP,4X12M	
4	R403	2003-001093 R-METALOXIDE;RS2RT123-J12K	
4	R827	2003-000998 R-METALOXIDE;3000HM,5%,2W,AF,T	
4	R407	2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x1	
4	R834	2003-001040 R-METALOXIDE(S);47Kohm,5%,2W,AF,TP,3.9x1	
4	R315	2003-002009 R-METALOXIDE(S);3900HM,5%,2W,A	
4	R316	2003-002009 R-METALOXIDE(S);3900HM,5%,2W,A	
4	R811	2003-002239 R-METAL OXIDE(S);100KOHM,5%,2W,AF,TP,3.9	
4	R812	2003-002239 R-METAL OXIDE(S);100KOHM,5%,2W,AF,TP,3.9	
4	R603	2004-000195 R-METAL;100Kohm,1%,1/8W,AA,TP,1.8x3.2m	
4	R302	2004-001371 R-METAL(S);1.5KOHM,1%,1/2W,AA,	
4	R306	2004-001371 R-METAL(S);1.5KOHM,1%,1/2W,AA,	
4	R423	2004-001408 R-METAL(S);91KOHM,1%,1/2W,AA,T	
4	R424	2004-001402 R-METAL(S);6.8KOHM,1%,1/2W,AA,	
4	R219	2004-001914 R-METAL;39KOHM,2%,1/8W,AA,TP,1	
4	R304	2008-000253 R-FUSIBLE(S);0.470HM,5%,1W,AF,	
4	R305	2008-000253 R-FUSIBLE(S);0.470HM,5%,1W,AF,	
4	R801	2008-001107 R-FUSIBLE(S);300ohm,5%,2W,AG,TP,3.9x12mm	
4	R825	2008-000266 R-FUSIBLE(S);10HM,5%,2W,AF,TP,	
4	R303	2008-000266 R-FUSIBLE(S);10HM,5%,2W,AF,TP,	
4	R608	2008-000284 R-FUSIBLE(S);0.10HM,10%,2W,AF,TP,3.9X10M	
4	R609	2008-000284 R-FUSIBLE(S);0.10HM,10%,2W,AF,TP,3.9X10M	
4	R824	2008-000294 R-FUSIBLE;330HM,5%,2W,AF,TP,3	
4	R422	2008-001011 R-FUSIBLE(S);0.18OHM,10%,2W,AF	
4	R420	2008-001047 R-FUSIBLE(S);68ohm,5%,2W,AF,TP,3.9x10mm	
4	C302	2201-000132 C-CERAMIC,DISC;100PF,10%,500V,Y5P6X3MM,	
4	CS621	2201-000327 C-CERAMIC,DISC;2.2NF,10%,50V,Y	
4	CS624	2201-000327 C-CERAMIC,DISC;2.2NF,10%,50V,Y	
4	CS626	2201-000379 C-CERAMIC,DISC;2.2NF;+80-20%,50	
4	C908	2201-000573 C-CERAMIC,DISC;47PF,5%,50V,NPO	
4	C909	2201-000573 C-CERAMIC,DISC;47PF,5%,50V,NPO	
4	C408	2201-000599 C-CERAMIC,DISC;560PF,10%,500V,	
△	CR404S	2201-000983 C-CERAMIC,DISC;1nF,10%,2kV,Y5P,TP,9x5.7,	
4	C503	2201-000723 C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
4	C811	2201-000991 C-CERAMIC,HIC;CK45(T)B2KV561-K	
4	C814	2201-000991 C-CERAMIC,HIC;CK45(T)B2KV561-K	
4	C105	2202-000127 C-CERAMIC,MLC-AXIAL;10NF,+80-2	
4	C111	2202-000127 C-CERAMIC,MLC-AXIAL;10NF,+80-2	
4	C912	2202-000127 C-CERAMIC,MLC-AXIAL;10NF,+80-2	
4	C226	2202-000231 C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3	
4	C223	2202-000796 C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	C224	2202-000796 C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	C602	2202-000796 C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	C906	2202-000796 C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	C505	2202-000825 C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
4	C211	2202-002037 C-CERAMIC,MLC-AXIAL;100NF,+80-20	
4	C502	2301-000213 C-FILM,PEF;220NF,5%,250V,21.5X	
4	C109	2301-000224 C-FILM,PEF;22NF,5%,50V,7.4X3.9	
4	C804	2301-000224 C-FILM,PEF;22NF,5%,50V,7.4X3.9	
4	C309	2301-000254 C-FILM,PEF;39NF,5%,50V,7.5X3.5X6.5MM,5MM	
4	C227	2301-000301 C-FILM,PEF;6.8NF,5%,50V,6.5X5	
4	C217	2301-000342 C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm,	
4	C234	2301-000342 C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm,	
4	C805	2301-000342 C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm,	
4	CS606	2301-000356 C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
4	C407	2301-000383 C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
4	C248	2301-000445 C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
4	C420	2301-001065 C-FILM,MPPF;47NF,5%,630V,TP,19	
4	C312	2305-000149 C-FILM;CF922N100VT104-J-40/105	
4	C301	2305-000285 C-FILM,MPEF;220NF,5%,100V,-.5MM	
4	C215	2305-000289 C-FILM,MPEF;220NF,5%,63V,-.5MM	
4	C216	2305-000289 C-FILM,MPEF;220NF,5%,63V,-.5MM	
4	C233	2305-000289 C-FILM,MPEF;220NF,5%,63V,-.5MM	
4	C205	2305-000289 C-FILM,MPEF;220NF,5%,63V,-.5MM	
4	C235	2305-000289 C-FILM,MPEF;220NF,5%,63V,-.5MM	
4	C236	2305-000289 C-FILM,MPEF;220NF,5%,63V,-.5MM	
△	CR405S	2201-000441 C-CERAMIC,DISC;3.3nF,10%,500V,Y5P,TP,10x	
4	C916	2305-000412 C-FILM,MPEF;470NF,5%,63V,-.5MM	
4	C103	2305-000665 C-FILM;104J, 60V,5MM TAPING	
4	C207	2305-000665 C-FILM;104J, 60V,5MM TAPING	
4	C208	2305-000665 C-FILM;104J, 60V,5MM TAPING	
4	C210	2305-000665 C-FILM;104J, 60V,5MM TAPING	
4	C218	2305-000665 C-FILM;104J, 60V,5MM TAPING	

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
4	C222	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	L807	2701-001030 INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
4	C230	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	L808	2901-000297 FILTER-EMI ON BOARD;-3A,-,-,3.5x5,TP-	
4	C803	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	L806	3301-000287 CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C819	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	J124	3301-000287 CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C913	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	L206	3301-000287 CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C920	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	L802	3301-001223 CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
4	CS602	2305-000665 C-FILM;104J, 60V,5MM TAPING		4	L803	3301-001223 CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
4	CS608	2305-000665 C-FILM;104J, 60V,5MM TAPING		△ 4	FD801S	3601-001086 FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
4	C225	2309-000138 C-FILM,PE-PPF;100NF,5%,50V,TP,		4	F801A	3602-000114 FUSE-HOLDER;-,-,30MOHM	
4	C812	2401-000262 C-AL;100UF,20%,160V,GP,16X25MM,5MM,		4	F801B	3602-000114 FUSE-HOLDER;-,-,30MOHM	
4	C817	2401-000302 C-AL;100UF,20%,25V,GP,6X11MM,5		4	J101	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C821	2401-000302 C-AL;100UF,20%,25V,GP,6X11MM,5		4	J102	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C823	2401-000302 C-AL;100UF,20%,25V,GP,6X11MM,5		4	J103	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS629	2401-000302 C-AL;100UF,20%,25V,GP,6X11MM,5		4	J104	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C307	2401-000360 C-AL;100UF,20%,50V,GP,8X11MM,5		4	J105	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C308	2401-000360 C-AL;100UF,20%,50V,GP,8X11MM,5		4	J106	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C506	2401-000430 C-ELECTROLYTIC;CE04WTAPG250V10		4	J107	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C403	2401-000560 C-AL;1UF,20%,160V,GP,GT,6.3,11MM		4	J108	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C219	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J110	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C601	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J111	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS603	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J112	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS611	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J113	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS613	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J114	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS614	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J115	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS616	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J117	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS617	2401-000603 C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	J120	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C221	2401-000660 C-ELECTROLYTIC;CE04WTAPG50V2.2		4	J121	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS605	2401-000660 C-ELECTROLYTIC;CE04WTAPG50V2.2		4	J122	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS622	2401-000660 C-ELECTROLYTIC;CE04WTAPG50V2.2		4	J128	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS625	2401-000660 C-ELECTROLYTIC;CE04WTAPG50V2.2		4	J129	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C280	2401-000660 C-ELECTROLYTIC;CE04WTAPG50V2.2		4	J130	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C815	2401-000703 C-ELEC;CE04-40/8525VT222-MWSD		4	J131	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C827	2401-000927 C-AL;22UF,20%,250V,GP,13X20MM,		4	J132	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C110	2401-000962 C-AL;22uF,20%,50V,GP,TP,5x11,5		4	J135	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS601	2401-000962 C-AL;22uF,20%,50V,GP,TP,5x11,5		4	J136	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS610	2401-001026 C-AL;3.3UF,20%,50V,GP,5X11MM,5		4	J137	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C802	2401-001192 C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP		4	J138	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C504	2401-001232 C-AL;4.7UF,20%,250V,GP,10X12.5		4	J139	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS607	2401-001334 C-ALUMINUM;470NF,20%,50V,GP,5*11MM,2MM,T		4	J140	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C304	2401-001397 C-AL;470UF,20%,25V,GP,10X16MM,		4	J142	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C306	2401-002288 C-ELEC;CE04-55/10525VT471-MWRG		4	J150	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C209	2401-000025 C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5		4	J401	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C213	2401-000025 C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5		4	J602	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C229	2401-000025 C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5		4	J604	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C903	2401-000025 C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5		4	J605	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C910	2401-000025 C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5		4	J606	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C605	2401-001998 C-AL;1000UF,20%,25V,GP,TP,10X20		4	J801	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS604	2401-002075 C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	J802	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS615	2401-002075 C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	J803	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS618	2401-002075 C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	J804	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS619	2401-002075 C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	J807	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C901	2401-002144 C-AL;47uF,20%,16V,GP,TP,5x11,5		4	J808	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C203	2401-000050 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4	JAW02	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C220	2401-000050 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4	JS601	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C231	2401-000050 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4	R229	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C820	2401-000050 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4	R309	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	CS612	2401-000050 C-AL;10UF,20%,16V,GP,TP,5X11,2.5		4	R507	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C813	2401-002290 C-AL;47uF,20%,160V,GP,TP,13x20.5		4	R508	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C101	2401-002594 C-AL;220uF,20%,16V,GP,TP,8x11,5.5		4	R509	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C406	2401-002619 C-AL;47uF,20%,25V,GP,TP,5x11,5		4	J125	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	C818	2401-003028 C-AL;100UF,20%,25V,WT,TP,6.3X1		4	L805	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L103	2701-000114 INDUCTOR-AXIAL;10UH,10%,2.5X3.		4	J143	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L202	2701-000114 INDUCTOR-AXIAL;10UH,10%,2.5X3.		4	J811	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L903	2701-000114 INDUCTOR-AXIAL;10UH,10%,2.5X3.		4	J133	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	R101	2701-000114 INDUCTOR-AXIAL;10UH,10%,2.5X3.		4	J603	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	R102	2701-000114 INDUCTOR-AXIAL;10UH,10%,2.5X3.		4	J402	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L203	2701-000127 INDUCTOR-AXIAL;15UH,10%,2.5X3.		4	J823	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L301	2701-000142 INDUCTOR-AXIAL;1UH,10%,2.5X3.4		4	J127	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L302	2701-000142 INDUCTOR-AXIAL;1UH,10%,2.5X3.4		△ 4	L403	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L404	2701-000142 INDUCTOR-AXIAL;1UH,10%,2.5X3.4		4	J822	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L102	2701-000159 INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4	J805	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L201	2701-000159 INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4	R805	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L230	2701-000159 INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4	R850	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L405	2701-000159 INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4	J601	3812-000219 JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
4	L902	2701-000177 INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	O1VER	AA41-00625C PCB-MAIN;TXM1967X/XAA,FR-1,1L,C,1.6T,245	
4	L904	2701-000177 INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	EY401	6042-000002 EYELET;IDI,5,0D2,L3,1,SN,BSS3-E/EH	
4	L804	2701-001030 INDUCTOR-AXIAL;43uH,10%,14x4.5mm		4	EY402	6042-000002 EYELET;IDI,5,0D2,L3,1,SN,BSS3-E/EH	

Loc. No.	Code No.	Description ; Specification	Remark
4	EY403	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY404	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY405	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY414	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY415	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY416	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY417	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY418	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY419	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY420	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY421	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY501	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY819	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY827	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY829	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EY833	6042-000002 EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
4	EL401	6042-000001 EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4	EL402	6042-000001 EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4	EL801	6042-000001 EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4	EL802	6042-000001 EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
4	GT501	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT801	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT802	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT803	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT804	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT805	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT101	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	GT806	AA60-40014A PIN-GT,ASSY;1P,-,AUTO	
4	Z201	2903-000129 FILTER-CERAMIC;BR,4.5MHz,-,-,TP,-	
4	R505	2008-000206 R-FUSIBLE(S);10HM,5%,1/2W,AF,T	
4	R421	2008-001015 R-FUSIBLE;1.50HM,5%2WAF,TP39X10	
4	C806	2301-001435 C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm	
4	CS609	2401-000480 C-AL;10UF,20%,50V,GP,5X11MM,5M	
4	CS620	2401-000480 C-AL;10UF,20%,50V,GP,5X11MM,5M	
4	CS623	2401-000480 C-AL;10UF,20%,50V,GP,5X11MM,5M	
4	CS631	2401-001914 C-AL;1uF,20%,50V,BP,TP,5x11.5	
4	C603	2401-001914 C-AL;1uF,20%,50V,BP,TP,5x11.5	
4	L/LINE	AA68-01544A LABEL;LINE,ALL MDL COMMON	
4	C232	2201-000262 C-CERAMIC,DISC;180PF,10%,50V,Y	
4	RS604	2004-005053 R-METAL;16.6KOHM,1%,18W,AA,TP,1.8X3.2MM	
4	C604	2301-000204 C-FILM,PEF;2.7NF,5%,50V,7.4X3.	
4	CS632	2301-000204 C-FILM,PEF;2.7NF,5%,50V,7.4X3.	
△	CR409S	2201-000984 C-CERAMIC,DISC;680PF,10%,2KV,Y	
3	GT301	AA60-40012D PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	

ASSY COVER FRONT

1	A/CFRONT	AA90-04589C	ASSY COVER FRONT;CT17M6MQFX/XAX
2	SPK+CF	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR
2	AV+CF	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)
2	PC+CF	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)
2	CRT+CF	AA60-10050R	SCREW-ASSY;WC,HH,+,M5,L31.5,SWR
2	STOPPER	AA61-40113A	STOPPER-PCB;ABS,HB,NTR.
2	F/C	AA96-01488B	ASSY COVER P-FRONT;17M6,(SAMEX),SPK,HIPS
3	KC+CF	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR
3	WR+CF	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR
3	SPRING	AA61-60003J	SPRING ETC-CS;-,SUS304,-,OD6,N7,OD6,-,
3	KP	AA64-02100E	KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301
3	KC	AA64-02102C	KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3
3	WR	AA64-02103B	WINDOW-RMC;LED;25M6,29M6,ACRYL,HB,CLEAR
3	CF	AA64-03425B	CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309
3	BADGE	AA64-70123A	BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT,
2	INL/AV	AA64-01309H	INLAY AV;PS SHEET,21D8,T0.3,-,-,S15A L
2	DRESPK	AA65-300118A	CLAMP-WIRE;-,NYLON6.6,-,DATL
2	L/QMS	AA68-02391A	LABEL-QMS;ART-PAPER(90)G,110x24mm
2	A/A-V	AA96-01546A	ASSY PCB P-A/V SIDE;TXN1634FX,K15D
3	CN705A	AA39-20071D	LEAD-CONNECTOR,ASSY;-,YBNH025-12,67096-0
3	JE601	3722-000143	JACK-PHONE;1P,3.4MM,-,MBAG
3	JR01	3722-001031	JACK-RCA;3P,3.6MM,#18,AU
3	RE01	2001-001077	R-CARBON(S);1500HM,5%,1/2W,AA,
3	RE02	2001-001077	R-CARBON(S);1500HM,5%,1/2W,AA,
3	CE01	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M
3	CE02	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M
3	00VER	AA41-00414A	PCB-SIDE A/V;CT21D8,FR-1,1L,A,1.6T,245x2

Loc. No.	Code No.	Description ; Specification	Remark
2	A/CTRL	AA96-01545A	ASSY PCB P-CONTROL;TXN1634FX,K15D
3	DZA01	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
3	RA02	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,
3	RA04	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,
3	RA01	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP
3	RA05	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP
3	RA03	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP
3	RA06	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP
3	RA08	2001-000793	R-CARBON;470HM,5%,1/8W,AA,TP,1
3	RA07	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm
3	CA01	2401-002009	C-AL;100UF,20%,16V,GP,TP,6.3X7
3	00VER	AA41-00889A	PCB CONTROL;CT-17M6,245*245,A,,,K15D,4,
3	SWA01	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
3	SWA02	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
3	SWA03	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
3	SWA04	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
3	SWA05	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
3	SWA06	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
3	LD01	0601-000465	LED;ROUND,GRN,5mm,565
3	RM01	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES
3	CNA01	AA39-00100F	LEAD CONNECTOR-ASSY;4P,200MM,YBNH250-04
3	CNA02	AA39-20005D	LEAD CONNECTOR-ASSY;3P,YBNH250-03,67096
2	A/SPK	AA96-10137B	ASSY-SPEAKER;5W,80HM X 2,S,Y4,R700/L350
3	SPK	3001-001071	SPEAKER;5W,80HM,90DB,180HZ
3	L/SPK	AA39-20505M	LEAD-CONNECTOR;SY4XREC,R700/L350
2	CWFCL	AA65-30105A	CLAMP-WIRE;NYLON 66N,VO,NTR,15MM
2	CWFCL	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M

ASSY COVER REAR

1	A/CREAR	AA90-04699A	ASSY COVER REAR;CL17M6MQFX,K57A
2	CB+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR
2	CB+RCA	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR
2	SPCBC	AA60-00091J	SPACER-FELT;FELT,330X10,-,-,BLK,T0.5,-
2	B/C	AA64-03426B	CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309
2	AC+BC	AA65-30008A	CLAMP-CORD;-,PE,HB,BLK,-,-
2	INL/BACK	AA64-60385Q	INLAY-BACK;21V10,PS SHEET,BLK,K15D,S,T,D
2	L/RAT	AA68-02292A	LABEL-RATING;TROJAN,ART PAPER 90,60X90mm
2	LABCRT	AA68-02908D	LABEL-POP;17,PET,105,80,S/AMERICA

ASSY CPT

1	A/CPT	AA91-06298A	ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD
△	TAPE-DY	0203-001279	TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y
2	CRT	AA03-00392A	CRT COLOR;A41QF692X,0mG,33mm,54.8%,FLAT
2	C-Y	AA27-00002A	MAGNET-CONVERGENCE;JH291-SC-0B,29.1M
2	D-Y	AA27-00299A	DEFLECTION YOKE;DIF-1792AA,S/T,17,29.1m
2	DCOIL	AA27-00302A	COIL DEGAUSSING;17INCH,10.80mH,10%,100ts
2	SPACER	AA63-60028A	SPACER-DY;-,NEOPRENE,-,BLK,VOW
2	A/TBC	AA98-70014E	ASSY TBC WIRE(P);-,16,NTSC,PAL,1P,-
2	S/GUM	AA63-60004P	SPACER-GUM,CRT;-,NTR RUBBER,-,-,GRY,T2
2	CDCOIL	AA65-00009B	CLAMP-D,COIL;NYLON 66,VO,-,-,21A8,-

ASSY BOX

1	A/BOX	AA92-07939A	ASSY BOX;17M6,K15D
2	L/BOX	AA68-01542A	LABEL;(UNIBOX),PAPER WHT ALLMD
2	PCK	AA69-02157B	PACKING CASE;17M6(SAMEX),SW-4 A,A,YEL,A

ASSY P/MATERIAL

1	A/PMATER	AA92-07734A	ASSY P/MATERIAL;17M6
2	BXTAPE	0203-001295	TAPE-OPP MASKING;1242,T0.06,W100,L91.4M,
2	STAPLE	AA60-40006A	PIN-STAPLE;-,H18,33X17.8X2
2	C/SET	AA69-02101A	CUSHION-SET;17M6(SAMEX),PS FOAMED,C=0.02
2	PE-BAG	AA69-01208A	BAG;SHEET,19-20,W42,L50,FOAM,OEM

Loc. No.	Code No.	Description ; Specification	Remark
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Loc. No.	Code No.	Description ; Specification	Remark
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ASSY ACCESSORY

1	A/ACCS	AA92-07935A	ASSY ACCESSORY;CL17M6MQFX/XAP,K15D
2	AC-TAPE	0203-001279	TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y
2	RMT	AA59-00108C	REMOCON;DP,TM59,AA59-00077C,21,STR
2	I/B	AA68-02848A	MANUAL USERS;K15D,SPA,W/P100(G)
2	I/B2	AA68-02849A	MANUAL USERS;K15D,ENG,W/P100(G)
2	W/CARD	AA68-00987A	CARD WARRANTY;W/P100,A4,1P,SELA
2	BAG-PE	AA69-01195A	BAG PE;CL29A6W8X,HDPET0.012,93/4X151
2	T/MATCH	AA26-90001F	TRANS-MATCHING;-;3000HM/750HM,NTSC,40-89
2	A/ROD	AA42-00004A	ANT ROD;VHF,4SDODIPOLE850MMBRN
2	BATT	4301-000120	BATTERY-MN;1.5V,-,AA
2	PLUG	3721-000136	PLUG-CONVERSION;15A300VPI4.0CP

△...4 D804	0401-000006	DIODE-SWITCHING;BAV21,250MA,400MW,50NS,2
...4 T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41
...4 T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41
...4 T0083	0402-000254	DIODE-RECTIFIER;RG10V,600V,1A,DO-41
...4 T0083	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-
...4 T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2
...4 T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2
...4 T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2
...4 T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-2
...4 T0083	0402-001443	DIODE-RECTIFIER;EGP20K,800V,2A,DO-15,TP
...4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
...4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
...4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
...4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
...4 DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
...4 DZ803	0403-001039	DIODE-ZENER;MA2560,56V,52-60V,1W,DO-41,T
...4 DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,
...4 DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,
...4 DZ016	0403-000719	DIODE-ZENER;MTZJ7.5B,7.5V,7.07-7.45V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
...4 DZ016	0403-001140	DIODE-ZENER;RD10ESAB,14,10V,9-19,10.30V,
...4 DZ016	0403-001221	DIODE-ZENER;MTZJ12B,11.4,11.2-12.03V,500mW,D
...4 DZ016	0403-001221	DIODE-ZENER;UZ39BSB,35.36-37.19V,500mW,D
...4 DZ016	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO
...4 DZ016	0403-001373	DIODE-ZENER;MTZJ5.1A,4.81V-5.07V,500mW,D
...4 DZ016	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D
...4 DZ016	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D
...4 DZ016	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D
...4 Q201	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM
...4 Q901	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM
...4 Q402	0501-000369	TRANSISTOR;KSC2331-Y(TAPG)
...4 Q202	0501-002183	TR-SMALL SIG;TC9014,NPN,625MW,TO-92,100
...4 Q601	0501-002183	TR-SMALL SIG;KTC9014,NPN,625MW,TO-92,100
...4 R125	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP
...4 R125	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1
...4 R125	2001-000010	R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm
...4 R125	2001-000010	R-CARBON;68Kohm,5%,1/8W,AA,TP,1.8x3.2mm
...4 R125	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP
...4 R125	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP
...4 R301	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP
...4 R843	2001-000019	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4mm
...4 R409	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP
...4 R823	2001-000037	R-CARBON(S);330OHM,5%,1/2W,AA,TP
...4 R808	2001-001138	R-CARBON(S);390OHM,5%,1/2W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP
...4 R125	2001-000	

Loc. No.	Code No.	Description ; Specification	Remark
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP,	
....4 R125	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000490	R-CARBON;200OHM,5%,1/8W,AA,TP,	
....4 R125	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4 R125	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000689	R-CARBON;390KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
....4 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
....4 R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,	
....4 R125	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
....4 R125	2001-000908	R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000908	R-CARBON ;62kohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4 R125	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP	
....4 R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1	
....4 R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1	
....4 R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1	
....4 R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1	
....4 R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1	
....4 R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1	
....4 RY801S	2001-000937	R-CARBON(S);1.2KOHM,5%,1/2W,AA	
....4 R408	2001-001037	R-CARBON(S);0.39OHM,5%,1/2W,AA,	
....4 R504	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,	
....4 R414	2001-001078	R-CARBON(S);15KOHM,5%,1/2W,AA,	
....4 R840	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,	
....4 R411	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
....4 R809	2001-001150	R-CARBON(S);47OKOHM,5%,1/2W,AA	
....4 R810	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA	
....4 R405	2001-001187	R-CARBON(S);75OHM,5%,1/2W,AA,T	
....4 R831	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AB	
....4 R501H	2002-001008	R-COMPOSITION;1.8KOHM,10%1/2W,AA,TP,3.7	

Loc. No.	Code No.	Description : Specification	Remark
....4 R811	2003-002239	R-METAL OXIDE(S);100KOHM,5%,2W,AF,TP;3.9	
....4 R812	2003-002239	R-METAL OXIDE(S);100KOHM,5%,2W,AF,TP;3.9	
....4 R603	2004-000195	R-METAL;100Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
....4 R024	2004-001371	R-METAL(S);1.5KOHM,1%,1/2W,AA,	
....4 R024	2004-001371	R-METAL(S);1.5KOHM,1%,1/2W,AA,	
....4 R024	2004-001408	R-METAL(S);91KOHM,1%,1/2W,AA,T	
....4 R024	2004-001402	R-METAL(S);6.8KOHM,1%,1/2W,AA,	
....4 R219	2004-001914	R-METAL;39KOHM,2%,1/8W,AA,TP,1	
....4 R304	2008-000253	R-FUSIBLE(S);0.470HM,5%,1W,AF,	
....4 R305	2008-000253	R-FUSIBLE(S);0.470HM,5%,1W,AF,	
....4 R801	2008-001107	R-FUSIBLE(S);300ohm,5%,2W,AG,TP,3.9x12mm	
....4 R825	2008-000266	R-FUSIBLE(S);1OHM,5%,2W,AF,TP,	
....4 R303	2008-000266	R-FUSIBLE(S);1OHM,5%,2W,AF,TP,	
....4 R608	2008-000284	R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M	
....4 R609	2008-000284	R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M	
....4 R824	2008-000294	R-FUSIBLE;330OHM,5%,2W,AF,TP,3.	
....4 R422	2008-001011	R-FUSIBLE(S);0.180HM,10%,2W,AF	
....4 R420	2008-001047	R-FUSIBLE(S);68ohm,5%,2W,AF,TP,3.9x10mm	
....4 C598	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,	
....4 C598	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y	
....4 C598	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y	
....4 C598	2201-000379	C-CERAMIC,DISC;22NF,+80-20%,50	
....4 C598	2201-000573	C-CERAMIC,DISC;47PF,5%,50V,NPO	
....4 C598	2201-000573	C-CERAMIC,DISC;47PF,5%,50V,NPO	
....4 C598	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
....4 C598	2201-000983	C-CERAMIC,DISC;1nf,10%,2kV,Y5P,TP;9x5,7.	
....4 C598	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
....4 C811	2201-000991	C-CERAMIC,HIC,Ck45(T)B2KV561-K	
....4 C814	2201-000991	C-CERAMIC,HIC,Ck45(T)B2KV561-K	
....4 C689	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+80-2	
....4 C689	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+80-2	
....4 C689	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+80-2	
....4 C689	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
....4 C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
....4 C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
....4 C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
....4 C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
....4 C689	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
....4 C689	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,+80-20	
....4 C502	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
....4 C109	2301-000224	C-FILM,PEF;22NF,5%,50V,7.4X3.9	
....4 C804	2301-000224	C-FILM,PEF;22NF,5%,50V,7.4X3.9	
....4 C309	2301-000254	C-FILM,PEF;39NF,5%,50V,7.5X3.5X6.5MM,5MM	
....4 C227	2301-000301	C-FILM,PEF;6.8NF,5%,50V,6.5X5.	
....4 C217	2301-000342	C-FILM,PEF;2.2nf,5%,50V,TP,7.4x3.9x13mm,	
....4 C234	2301-000342	C-FILM,PEF;2.2nf,5%,50V,TP,7.4x3.9x13mm,	
....4 C805	2301-000342	C-FILM,PEF;2.2nf,5%,50V,TP,7.4x3.9x13mm,	
....4 CS606	2301-000356	C-FILM,PEF;47nf,5%,50V,TP,7.5x4.0x6.5,5m	
....4 C407	2301-000383	C-FILM,PEF;10nf,5%,50V,TP,6x7x3.2mm,5mm	
....4 C248	2301-000445	C-FILM,PEF;4.7nf,5%,50V,TP,5.5x7x3mm,5mm	
....4 C420	2301-001065	C-FILM,MPPF;47NF,5%,630V,TP,19	
....4 C312	2305-000149	C-FILM;CF922N100VT104-J-40/105	
....4 C301	2305-000285	C-FILM,MPEF;220NF,5%,100V,-.5M	
....4 C215	2305-000289	C-FILM,MPEF;220NF,5%,63V,-.5MM	
....4 C216	2305-000289	C-FILM,MPEF;220NF,5%,63V,-.5MM	
....4 C233	2305-000289	C-FILM,MPEF;220NF,5%,63V,-.5MM	
....4 C205	2305-000289	C-FILM,MPEF;220NF,5%,63V,-.5MM	
....4 C235	2305-000289	C-FILM,MPEF;220NF,5%,63V,-.5MM	
....4 C236	2305-000289	C-FILM,MPEF;220NF,5%,63V,-.5MM	
....4 C598	2201-000441	C-CERAMIC,DISC;3.3nf,10%,500V,Y5P,TP;10x	
....4 C916	2305-000412	C-FILM,MPEF;470NF,5%,63V,-.5MM	
....4 C103	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C207	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C208	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C210	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C218	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C222	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C230	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C803	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C819	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C913	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C920	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 CS602	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 CS608	2305-000665	C-FILM;104J, 60V,5MM TAPING	
....4 C225	2309-000138	C-FILM,PE-PF;100NF,5%,50V,TP,	
....4 C701	2401-000262	C-AL;100UF,20%,160V,GP,16X25MM,5MM,	
....4 C701	2401-000302	C-AL;100UF,20%,25V,GP6X11MM,5	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark
....4 C701	2401-000302	C-AL;100UF,20%,25V,GP6X11MM,5	
....4 C701	2401-000302	C-AL;100UF,20%,25V,GP6X11MM,5	
....4 C701	2401-000302	C-AL;100UF,20%,25V,GP6X11MM,5	
....4 C701	2401-000360	C-AL;100UF,20%,50V,GP8X11MM,5	
....4 C701	2401-000360	C-AL;100UF,20%,50V,GP8X11MM,5	
....4 C506	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
....4 C701	2401-000560	C-AL;1UF,20%,160V,GP,GT,6.3,11MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C701	2401-000603	C-AL;1UF,20%,50V,GP5X11MM,5MM	
....4 C221	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2	
....4 CS605	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2	
....4 CS622	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2	
....4 CS625	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2	
....4 C280	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2	
....4 C815	2401-000703	C-ELEC;CE04-40/8525VT222-MWSD	
....4 C701	2401-000927	C-AL;22UF,20%,250V,GP,13X20MM,	
....4 C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
....4 C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
....4 C701	2401-001026	C-AL;3.3UF,20%,50V,GP5X11MM,5	
....4 C701	2401-001192	C-AL;33UF,20%,50V,GP6X11MM,5MM,TP	
....4 C701	2401-001232	C-AL;4.7UF,20%,250V,GP,10X12.5	
....4 CS607	2401-001334	C-ALUMINUM;470NF,20%,50V,GP5*11MM,2MM,T	
....4 C701	2401-001397	C-AL;470UF,20%,25V,GP,10X16MM,	
....4 C306	2401-002288	C-ELEC;CE04-55/10525VT471-MWVRG	
....4 C209	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
....4 C213	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
....4 C229	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
....4 C903	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
....4 C910	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
....4 C701	2401-001998	C-AL;1000UF,20%,25V,GP,TP,10X20	
....4 C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
....4 C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
....4 C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
....4 C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
....4 C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
....4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5	
....4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5	
....4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5	
....4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5	
....4 C701	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5	
....4 C701	2401-002290	C-AL;47uF,20%,160V,GP,TP,13x20,5	
....4 C701	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11,5,5	
....4 C701	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4 C701	2401-003028	C-AL;100UF,20%,25V,WT,TP,6.3X1	
....4 L103	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
....4 L202	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
....4 L903	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
....4 R101	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
....4 R102	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
....4 L203	2701-000127	INDUCTOR-AXIAL;15UH,10%,2.5X3.	
....4 L301	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
....4 L302	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
....4 L404	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
....4 L102	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm	
....4 L201	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm	
....4 L230	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm	
....4 L405	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm	
....4 L902	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
....4 L904	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
....4 L804	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
....4 L807	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
....4 F101	2901-000297	FILTER-EMI ON BOARD;-;3A,-,-,3.5x5,TP,-	
....4 L806	3301-000287	CORE-FERRITE BEAD;AA,3.5X1.0X6.	
....4 J124	3301-000287	CORE-FERRITE BEAD;AA,3.5X1.0X6.	
....4 L206	3301-000287	CORE-FERRITE BEAD;AA,3.5X1.0X6.	
....4 G101	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
....4 G101	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
△....4 FD801S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
....4 F801A	3602-000114	FUSE-HOLDER;-,-,30MOHM	
....4 F801B	3602-000114	FUSE-HOLDER;-,-,30MOHM	
....4 01VER	AA41-00625C	PCB-MAIN;TXM1967X/XAA,FR-1,1LC,1.6T,245	S.N.A

Loc. No.	Code No.	Description ; Specification	Remark
....4 EY401	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY402	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY403	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY404	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY405	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY414	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY415	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY416	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY417	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY418	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY419	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY420	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY421	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY501	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY819	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY827	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY829	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EY833	6042-000002	EYELET;IDI.5,0D2,L3.1,SN,BSS3-E/EH	S.N.A
....4 EL401	6042-000001	EYELET;ID2.2,0D2.7,L3.1,SN,BSS3-E/EH	S.N.A
....4 EL402	6042-000001	EYELET;ID2.2,0D2.7,L3.1,SN,BSS3-E/EH	S.N.A
....4 EL801	6042-000001	EYELET;ID2.2,0D2.7,L3.1,SN,BSS3-E/EH	S.N.A
....4 EL802	6042-000001	EYELET;ID2.2,0D2.7,L3.1,SN,BSS3-E/EH	S.N.A
....4 GT501	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT801	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT802	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT803	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT804	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT805	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT101	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 GT806	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	S.N.A
....4 Z201	2903-000129	FILTER-CERAMIC;BR,4.5MHz,-,-,-,TP,-	
....4 R505	2008-000206	R-FUSIBLE(S);10HM,5%,1/2W,AF,T	
....4 R421	2008-001015	R-FUSIBLE;1.50HM,5%2WAF,TP39X10	
....4 C806	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm	
....4 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
....4 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
....4 C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
....4 C701	2401-001914	C-AL;1uF,20%,50V,BPT,5x11,5	
....4 C701	2401-001914	C-AL;1uF,20%,50V,BPT,5x11,5	
....4 C598	2201-000262	C-CERAMIC,DISC;180PF,10%,50V,Y	
....4 RS604	2004-005053	R-METAL;16.6KOHM,1%,18W,AA,TP,1.8X3.2MM	
....4 C604	2301-000204	C-FILM,PEF;2.7NF,5%,50V,7.4X3.	
....4 CS632	2301-000204	C-FILM,PEF;2.7NF,5%,50V,7.4X3.	
....4 C598	2201-000984	C-CERAMIC,DISC;680PF,10%,2KV,Y	
....3 GT301	AA60-40012D	PIN-GT,ASSY;4PT,1.6,6-12.5-14MM,NYLON66	S.N.A

ASSY COVER FRONT

1	M0001	AA90-04589C	ASSY COVER FRONT;CT17M6MQFX/XAX	S.N.A
..2	T0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
..2	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)	
..2	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)	
..2	SC016	AA60-10050R	SCREW-ASSY;WC,HH,+,M5,L31.5,SWR	S.N.A
..2	STOPPE	AA61-40113A	STOPPER-PCB;-ABS,HB,NTR.	S.N.A
..2	T0003	AA96-01488B	ASSY COVER P-FRONT;17M6,(SAMEX),SPK,HIPS	
..3	T0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
..3	T0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
..3	CIS7	AA61-60003J	SPRING ETC-CS;-;SUS304,-,-,OD6,N7,OD6,-,-	S.N.A
..3	T0023	AA64-02100E	KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301	
..3	T0022	AA64-02102C	KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3	
..3	CIS	AA64-02103B	WINDOW-RMC,LED;25M6,29M6,ACRYL,HB,CLEAR	S.N.A
..3	CIS3	AA64-03425B	CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309	S.N.A
..3	T0057	AA64-70123A	BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT,	S.N.A
..2	INL/AV	AA64-01309H	INLAY AV;PS SHEET;21D8,T0.3,-,-,-,S15A L	S.N.A
..2	DRESPK	AA65-30018A	CLAMP-WIRE;-NYLON6.6,-,-,DATL	S.N.A
..2	A/A-V	AA96-01546A	ASSY PCB P-A/V SIDE;TXN1634FX,K15D	
..3	CN705A	AA39-20071D	LEAD-CONNECTOR,ASSY;-;YBNH025-12,67096-0	
..3	JE601	3722-000143	JACK-PHONE;1P,3.4MM,-,MBAG	
..3	JR01	3722-001031	JACK-RCA;3P,3.6MM,#18,AU	
..3	RE01	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,	
..3	RE02	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,	
..3	C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
..3	C701	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
..3	00VER	AA41-00414A	PCB-SIDE A/V;CT21D8,FR-1,1LA,1.6T,245x2	S.N.A

Loc. No.	Code No.	Description ; Specification	Remark
..2	A/CTRL	AA96-01545A	ASSY PCB P-CONTROL;TXN1634FX,K15D
...3	DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
...3	R125	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,
...3	R125	2001-000005	R-CARBON;3900HM,5%,1/8W,AA,TP,
...3	R125	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP
...3	R125	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP
...3	R125	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP
...3	R125	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP
...3	R125	2001-000793	R-CARBON;470HM,5%,1/8W,AA,TP,1
...3	R125	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm
...3	C701	2401-002009	C-AL;100UF,20%,16V,GP,TP6.3X7
...3	00VER	AA41-00889A	PCB CONTROL;CT-17M6,,245*245,A,,,K15D,4,
...3	SWA01	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
...3	SWA02	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
...3	SWA03	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
...3	SWA04	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
...3	SWA05	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
...3	SWA06	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,
...3	LD01	0601-000465	LED;ROUND,GRN,5mm,565
...3	RM01	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES
...3	T0076	AA39-00100F	LEAD CONNECTOR-ASSY;4P,200MM,YBNH250-04
...3	T0076	AA39-20005D	LEAD CONNECTOR-ASSY;3P,YBNH250-03,67096
..2	A/SPK	AA96-10137B	ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350
...3	T0082	3001-001071	SPEAKER;5W,80HM,90DB,180HZ
...3	L/SPK	AA39-20505M	LEAD-CONNECTOR;SY4XREC,R700/L350
..2	CWFCL	AA65-30105A	CLAMP-WIRE;NYLON 66N,VO,NTR,15MM
..2	CWFCR	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M

ASSY ACCESSORY

1	M0016	AA92-07936A	ASSY ACCESSORY;CL17M6MQFX/RCL,K57A	S.N.A
..2	T0074	AA59-00108C	REMOCON;DPTM59,AA59-00077C,21,STR	
..2	CIS	AA68-02848A	MANUAL USERS;K15D,SPA,W/P100(G)	
..2	C/POIN	AA68-02408A	CARD-POINTS,BLUE,RCL,TANTUS/PROYECCION	
..2	C/REG	AA68-02409A	CARD-REGISTRATION,WHITE,RCL,TANTUS/PROYE	
..2	BAG-PE	AA69-01195A	BAG PE;CL29A6W8X,HDPETO.012,93/4X151	S.N.A
..2	T0117	AA26-90001F	TRANS-MATCHING;-;300OHM/750HM,NTSC,40-89	
..2	T0075	AA42-00004A	ANT ROD;VHF,4SDODIPOLE850MMBRN	
..2	T0251	3721-000136	PLUG-CONVERSION;15A300VPI4.OCP	

ASSY COVER REAR

1	M0002	AA90-04698A	ASSY COVER REAR;CL17M6MQFX,K57A	S.N.A
..2	T0081	6003-001026	SCREW-TAPTITE;RH,+ ,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	T0081	6003-001026	SCREW-TAPTITE;RH,+ ,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	T0069	AA60-00091J	SPACER-FELT;- ,FELT,330X10,-,- ,BLK,T0.5,-	S.N.A
..2	T0015	AA64-03426B	CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309	
..2	AC+BC	AA65-30008A	CLAMP-CORD;- ,PE,HB,BLK,-,-	S.N.A
..2	INL/BA	AA64-60385Q	INLAY-BACK;21V10,PS SHEET,BLK,K15D,S,T,D	S.N.A

ASSY P/MATERIAL

1	A/PMAT	AA92-07734A	ASSY P/MATERIAL;17M6	S.N.A
..2	STAPLE	AA60-40006A	PIN-STAPLE;-,-,H18,33X17.8X2	S.N.A
..2	PE-BAG	AA69-01208A	BAG;SHEET,19-20,W42,L50,FOAM,OEM	S.N.A

ASSY CPT

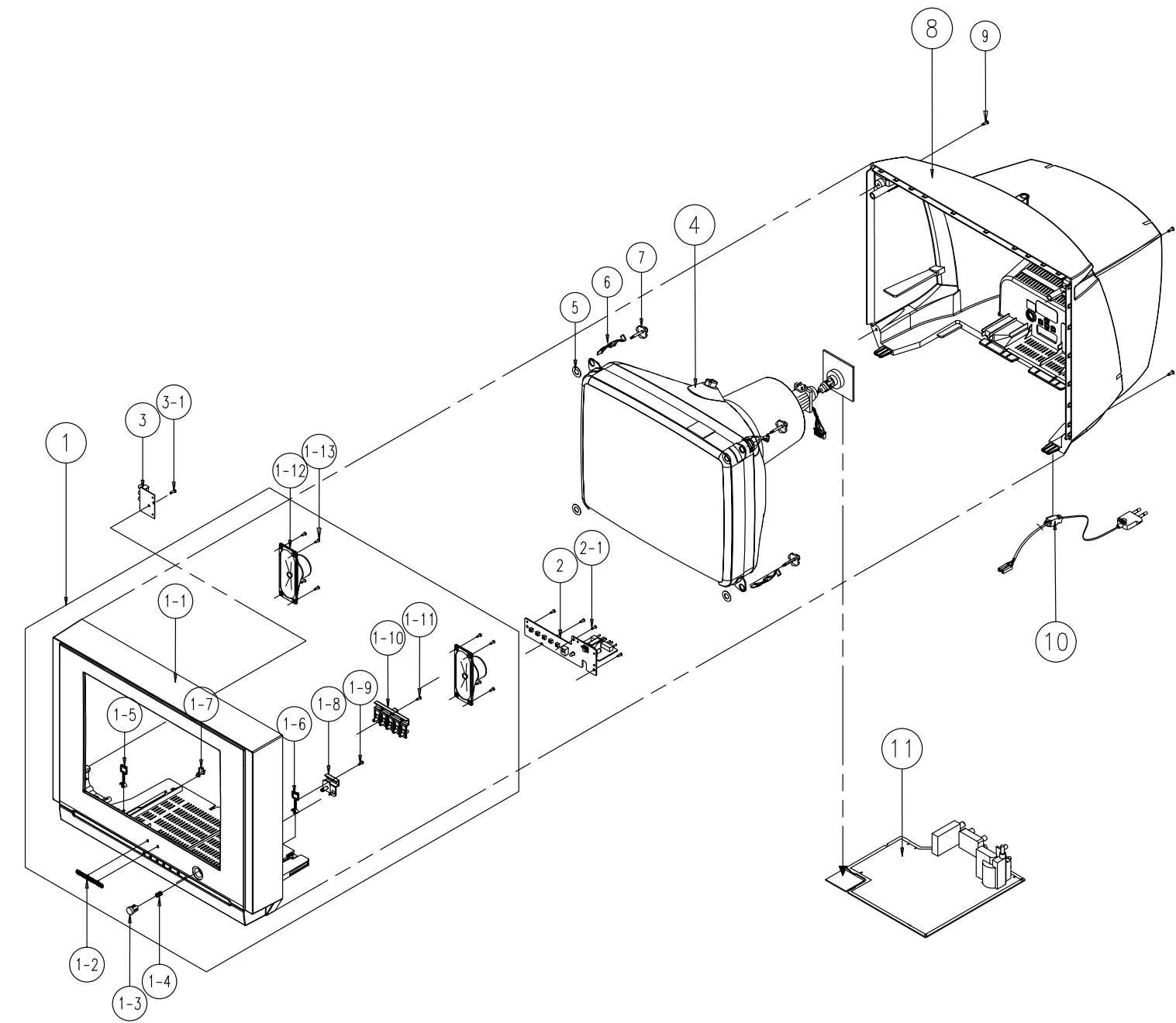
1	A/CPT	AA91-06298A	ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD	S.N.A
△..2	T0063	AA03-00392A	CRT COLOR;A41QFG692X,0mG,33mm,54.8%,FLAT	
..2	T0079	AA27-00002A	MAGNET-CONVERGENCE;JH291-SC-OB,29.1M	
..2	T0078	AA27-00299A	DEFLECTION YOKE;DIF-1792AA,S/T,17,29.1m	
..2	T0089	AA27-00302A	COIL DEGAUSSING;17INCH,10.80mH,10%,100Ts	
..2	SPACER	AA63-60028A	SPACER-DY;-;NEOPRENE,-,BLK,V0W	S.N.A
..2	A/TBC	AA98-70014E	ASSY TBC WIRE(P);-,16,NTSC,PAL,1P;-	S.N.A
..2	S/GUM	AA63-60004P	SPACER-GUM,CRT;-;NTR RUBBER;-;-;GRY,T2	S.N.A
..2	CDCOIL	AA65-00009B	CLAMP-D,COIL;NYLON 66,VO;-;-;21A8;-	S.N.A

MEMO

6. Exploded View & Parts List

6-1 CL17M6MQFX/XAP

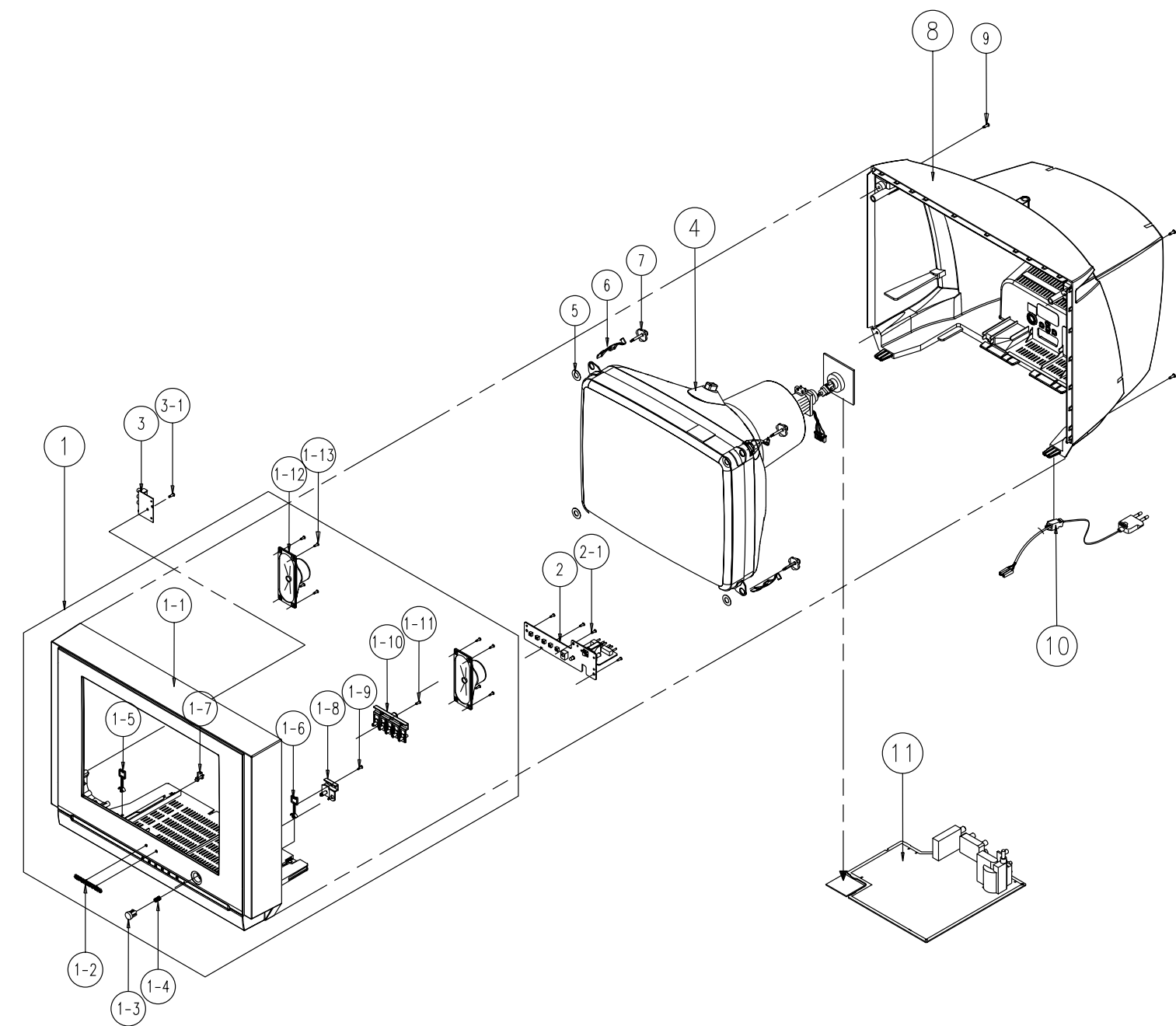
You can search for the updated part code through ITSELF web site.
URL : <http://itself.sec.samsung.co.kr>



No	Code No	Description;Specification	Q'ty	Remark
1	AA96-01488B	ASSY COVER P-FRONT;17M6,(SAMEX),SPK,HIPS	1	F/C
1-1	AA64-03425B	CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309	1	CF
1-2	AA64-70123A	BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT,	1	BADGE
1-3	AA64-02100E	KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301	1	KP
1-4	AA61-60003J	SPRING ETC-CS;-;SUS304,-,-,OD6,N7,OD6,-,	1	SPRING
1-5	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M	1	CWFCR
1-6	AA65-30105A	CLAMP-WIRE;NYLON 66N,VO,NTR,15MM	1	CWFCL
1-7	AA61-40113A	STOPPER-PCB;-;ABS,HB,NTR.	1	STOPPER
1-8	AA64-02103B	WINDOW-RMC;LED;25M6,29M6,ACRYL,HB,CLEAR	1	WR
1-9	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1	WR+CF
1-10	AA64-02102C	KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3	1	KC
1-11	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1	KC+CF
1-12	AA96-10137B	ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350	1	A/SPK
1-13	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	8	SPK+CF
2	AA96-01545A	ASSY PCB P-CONTROL;TXN1634FX,K15D	1	A/CTRL
3	AA96-01546A	ASSY PCB P-A/V SIDE;TXN1634FX,K15D	1	A/A-V
4	AA91-06298A	ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD	1	A/CPT
5	AA63-60004P	SPACER-GUM,CRT;-;NTR RUBBER,-,-,GRY,T2	4	S/GUM
6	AA65-00009B	CLAMP-D,COIL;NYLON 66,VO,-,-,21A8,-	4	CDCOIL
7	AA60-10050R	SCREW-ASSY;WC,HH,+,M5,L31.5,SWR	4	CRT+CF
8	AA64-03426B	CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309	1	B/C
9	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4	CB+CF
10	AA96-00570A	ASSY POWER CORD;-;CP2/NO,H/C200,KKP419C,	1	PWR/AC
11	AA94-13067A	ASSY PCB MAIN;17M6,K15D,LATIN	1	A/MAIN
2-1	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	3	PC+CF
3-1	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	1	AV+CF

6-2 CL17M6MQFX/RCL

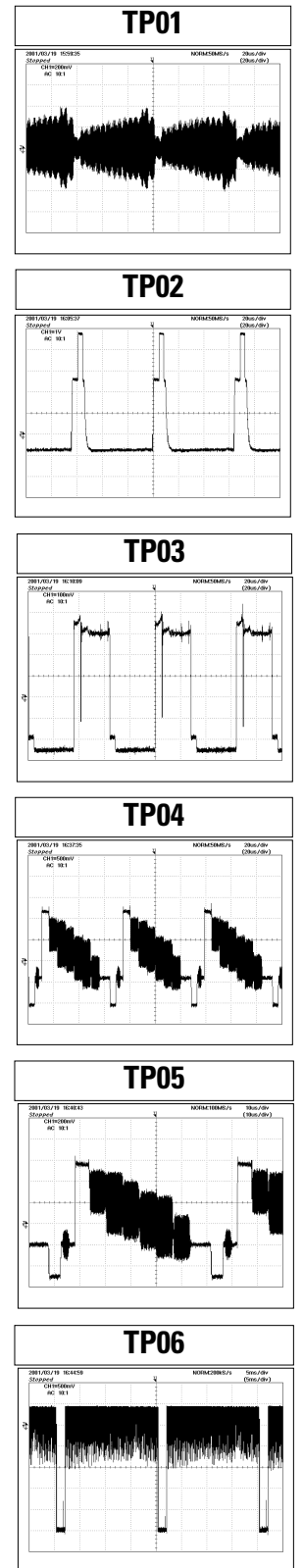
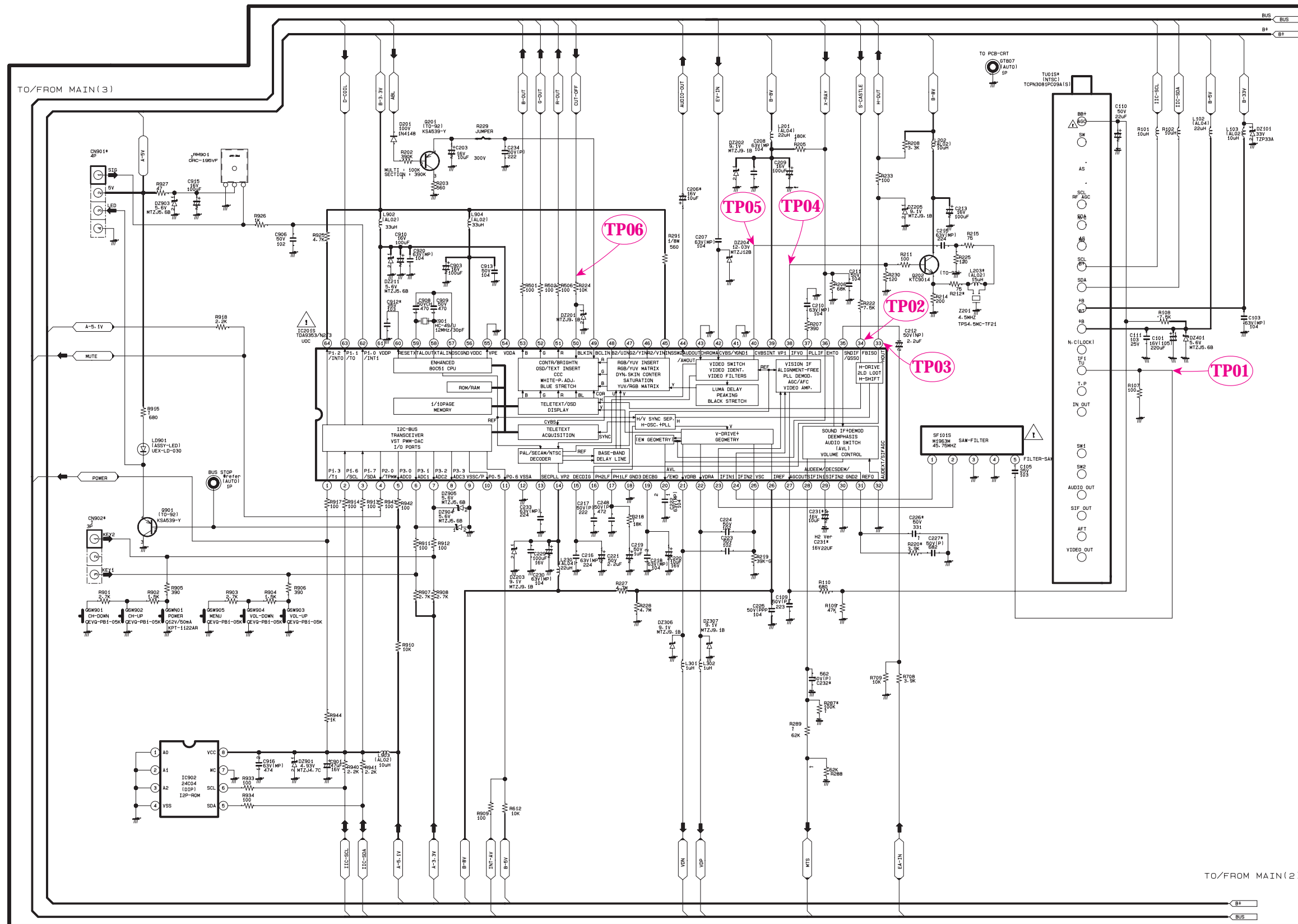
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URL : <http://itself.sec.samsung.co.kr>

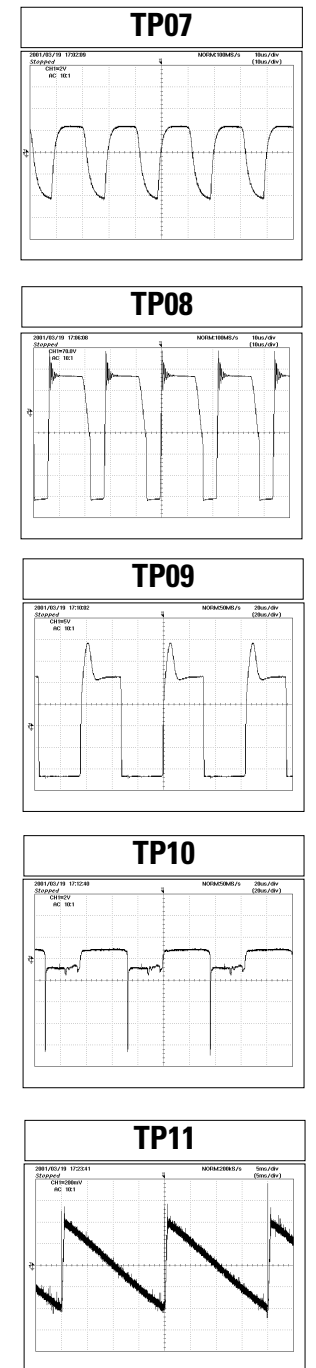


No	Code No	Description;Specification	Q'ty	Remark	S.N.A
1	AA96-01488B	ASSY COVER P-FRONT;17M6,(SAMEX),SPK,HIPS	1	T0003	
1-1	AA64-03425B	CABINET FRONT;17M6,(SAMEX),HIPS,HB,G4309	1	CIS3	S.N.A
1-2	AA64-70123A	BADGE-BRAND;AL,SAMSUNG,SILVER,L=50,FLAT,	1	T0057	S.N.A
1-3	AA64-02100E	KNOB POWER;25M6,29M6,ABS,HB,G3676,SVM301	1	T0023	
1-4	AA61-60003J	SPRING ETC-CS;-;SUS304,-,-,OD6,N7,OD6,-,	1	CIS7	S.N.A
1-5	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M	1	CWFCR	S.N.A
1-6	AA65-30105A	CLAMP-WIRE;NYLON 66N,VO,NTR,15MM	1	CWFCL	S.N.A
1-7	AA61-40113A	STOPPER-PCB;-;ABS,HB,NTR.	1	STOPPE	S.N.A
1-8	AA64-02103B	WINDOW-RMC;LED;25M6,29M6,ACRYL,HB,CLEAR	1	CIS	S.N.A
1-9	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1	T0081	
1-10	AA64-02102C	KNOB CONTROL;25M6,29M6,ABS,HB,G3676,SVM3	1	T0022	
1-11	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	1	T0081	
1-12	AA96-10137B	ASSY-SPEAKER;5W,80HM X 2,SY4,R700/L350	1	A/SPK	S.N.A
1-13	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	8	T0081	
2	AA96-01545A	ASSY PCB P-CONTROL;TXN1634FX,K15D	1	A/CTRL	
3	AA96-01546A	ASSY PCB P-A/V SIDE;TXN1634FX,K15D	1	A/A-V	
4	AA91-06298A	ASSY CPT;CT17M6MQFX/XAX,17,+0MG,BARE,SD	1	A/CPT	S.N.A
5	AA63-60004P	SPACER-GUM,CRT;-;NTR RUBBER,-,-,-,GRY,T2	4	S/GUM	S.N.A
6	AA65-00009B	CLAMP-D,COIL;NYLON 66,VO,-,-,21A8,-	4	CDCOIL	S.N.A
7	AA60-10050R	SCREW-ASSY;WC,HH,+,M5,L31.5,SWR	4	SC016	S.N.A
8	AA64-03426B	CABINET BACK;17M6,(SAMEX),HIPS,HB,G4309	1	T0015	
9	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4	T0081	S.N.A
10	AA96-00570A	ASSY POWER CORD;-;CP2/NO,H/C200,KKP419C,	1	T0066	S.N.A
11	AA94-13067A	ASSY PCB MAIN;17M6,K15D,LATIN	1	T0073	
2-1	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	3	T0081	
3-1	6003-001268	SCREW-TAPTITE;TH,+,B,M4.0,L12.0,ZPC(YEL)	1	T0081	

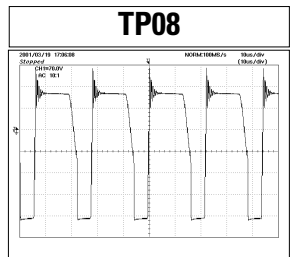
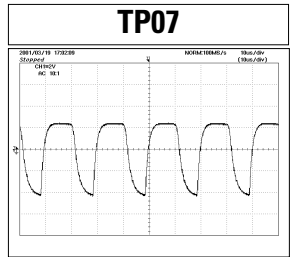
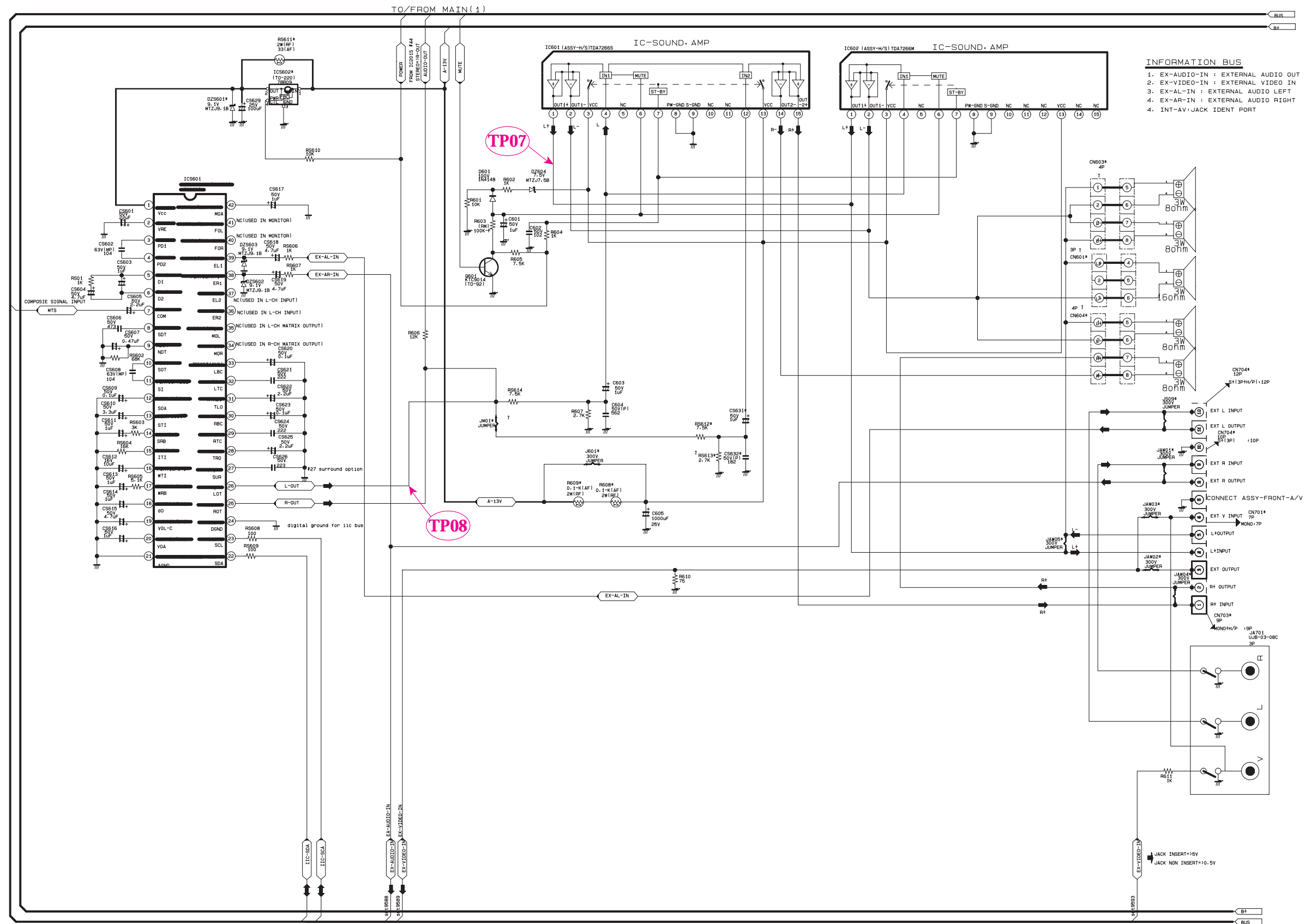
10. Schematic Diagrams

10-1 MAIN (1/4)





10-3 MAIN (3/4)

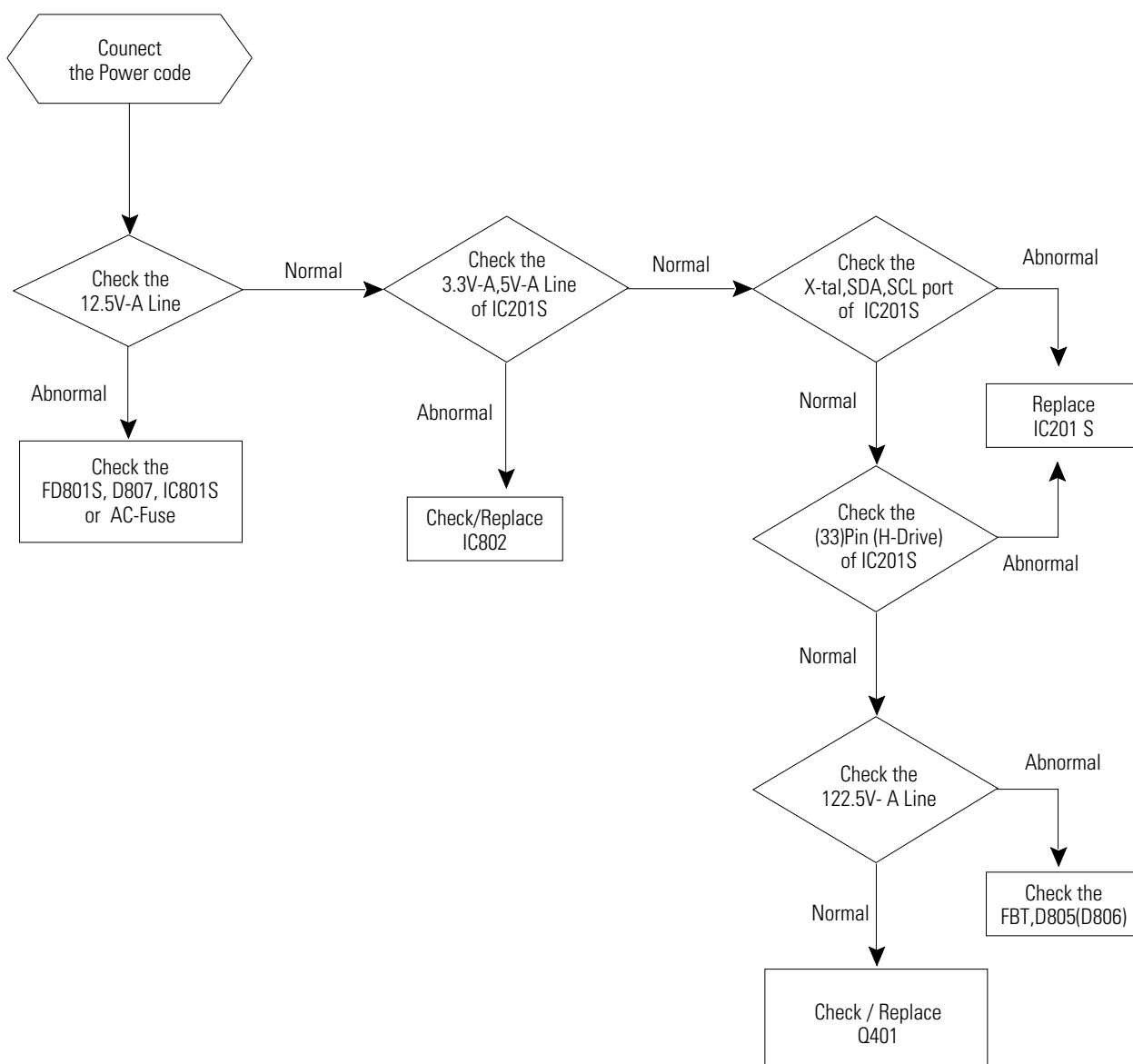


 : Power Line
 : Signal Line

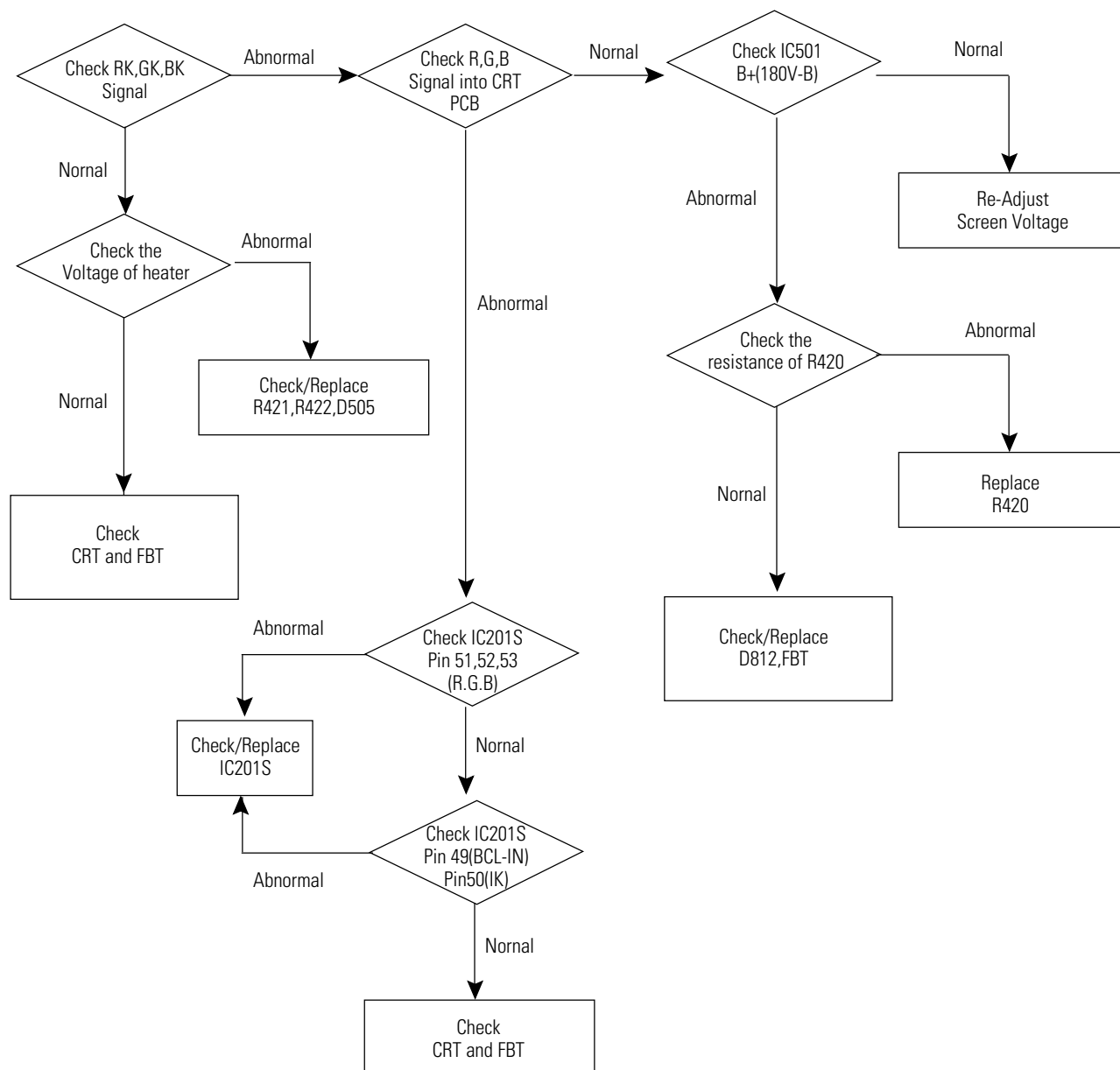


5. Troubleshooting

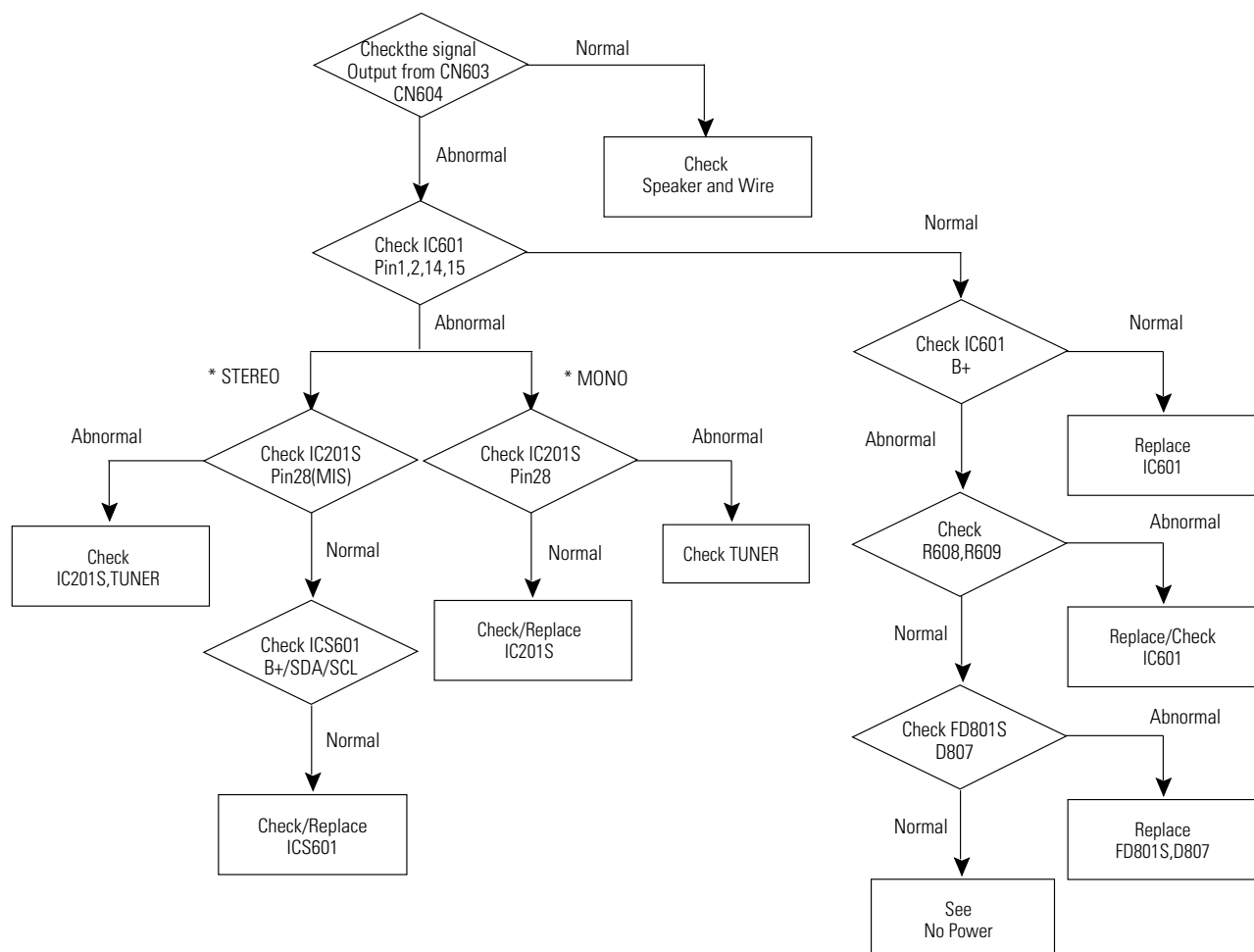
5-1 No Power



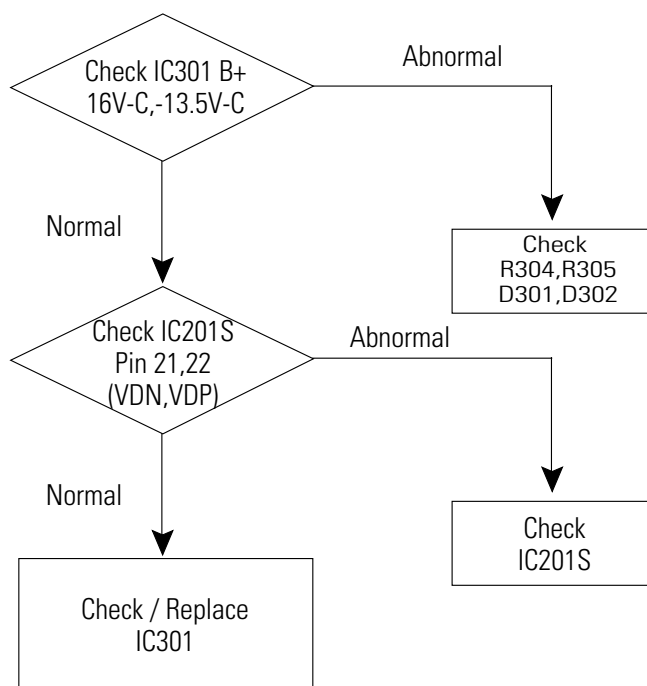
5-2 No Video (Sound OK)



5-3 No Sound (Video OK)

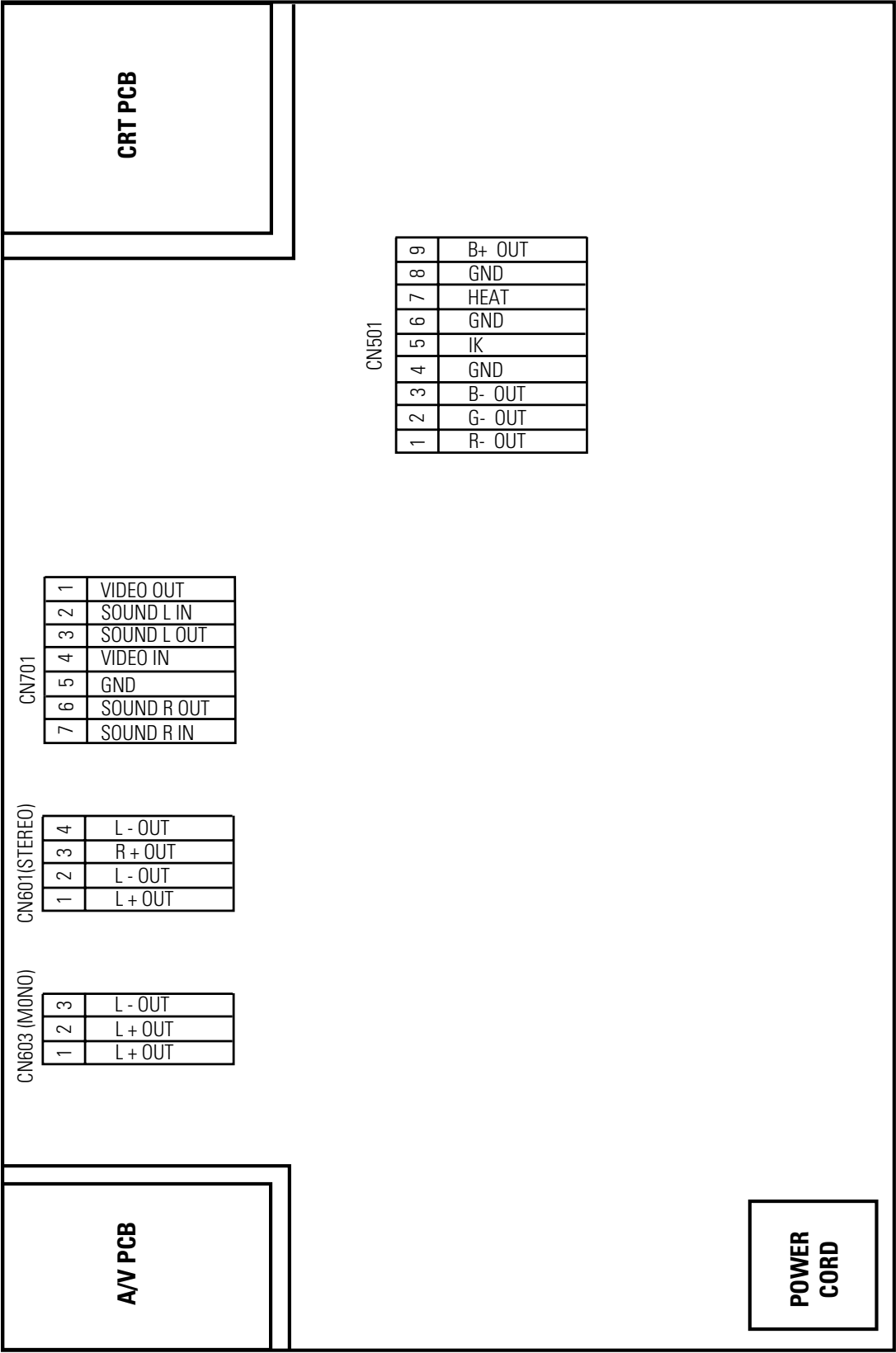


5-4 Vertical Lines Appear on Screen



9. Wiring Diagram

9-1 K15D



MEMO